

TABLE 601-3b (for use with ABC per Table 702-1)**MINIMUM TESTING FREQUENCIES**

09/22/20 draft

Mainline Pipe (initial & final backfill)

Utility Type	Test Area	Minimum Testing Frequency	MAG Section
Sewer, Water (various)	Initial Backfill		601; 702
Sewer, Water (various)	Final Backfill		601
Water Valves	Final Backfill		601
Storm Drain	Springline, Haunching		601; 618; 702
Storm Drain	Initial Backfill		601; 618; 702
Storm Drain	Final Backfill		601; 618

Services, Laterals, Crossings (initial and final backfill)

Utility Type	Test Area	Minimum Testing Frequency	MAG Section
Water, Sewer Services	Final Backfill		601
Hydrant Laterals	Initial Backfill		601; 702
Hydrants, Hydrant Laterals	Final Backfill		601
Storm Drain Laterals	Initial Backfill		601; 718
Storm Drain Laterals	Final Backfill		601; 718
Irrigation, Dry Utility Crossings	Final Backfill		601

Structures

Utility Type	Test Area	Minimum Testing Frequency (foundation, final backfill)	MAG Section
Major (Manholes)	Subgrade/ Foundation	Probing, visual inspection - % TBD	301; 601; Dtls 420, 421
Major (Manholes)	Backfill		206; 505; 601
Minor (Catch Basins, Headwalls)	Subgrade/ Foundation		301; 601
Minor (Catch Basins, Headwalls)	Backfill		206; 505; 601

This Table is for ABC. When using native, refer to Table 601-3a.

Where contractor's daily footage is less than the minimum testing frequency, the minimum testing frequency is to be considered "daily portion thereof". Each day's production should be tested to ensure consistent results and to account for changes in contractor means, methods, equipment, personnel etc, as well as changes in site conditions, soils, trenches, etc.

These are minimum testing frequencies to be used as a guide to help ensure quality of materials and workmanship. The agency reserves the right to increase sampling and testing frequencies as necessary, e.g. when deficiencies are encountered.

"Trench bedding - in addition to normally required density testing, density tests may be performed at the bottom of the trench (prior to AB placement) at the discretion of the inspector" - El Mirage; Queen Creek requires 1 test per 500 LF for 4" pipe bedding.

