

TABLE 601-3a (native material)

MINIMUM TESTING FREQUENCIES

09/22/20 draft

Mainline Pipe (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 (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 (foundation, final backfill)

Utility Type	Test Area	Minimum Testing Frequency	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 native material. When using ABC, refer to Table 601-3b.

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.

