# 4.1 Quality Assurance/Quality Checking (QA/QC)

As defined in this Standard and any GIS Level of Service agreements for GIS data developed by SFO staff or contract scopes for consultant Data Providers, GIS data submitted or delivered to SFO GIS must first pass the quality control testing standard for both the spatial accuracy and proper attribute completion.

For data that does not pass SFO's data review, a quality control report must be provided to SFO that documents the quality control testing performed prior to data delivery, the reported results and any corrective action taken prior to delivery. If any waivers to the Standard were granted, those waivers must also be documented in the testing report.

Acceptable methods to randomly or manually sample a subset of data for QC testing are discussed below and the final approved method appropriate for the particular datasets being delivered shall be defined in the approved GIS Data QC Plan.