The cemetery at Far West, a historic site for The Church of Jesus Christ of Latter-day Saints, was lost in the 1890s. In an effort to memorialize the individuals buried there, the Church is using GIS to help locate unmarked graves. Data gathered from historical documents, forensic canines, magnetometry and ground-penetrating radar have determined the geology in areas of interest, located evidence of a historic school on the site, and produced historical geographic details of this cemetery.