

Site 1: Floor Drain in Battery Room in Building 102. A battery shop (currently known as Room 122) was installed in Building 102 in 1947 to service fighter aircraft. Lead-acid batteries from the aircraft were filled with battery acid and serviced in this room prior to 1976. In 1976, the battery shop was converted to a Life Support area for aircraft and was used for that purpose until 2009. In 1998, Building 102 was remodeled, including the previous Room 122 battery shop. The entire floor of Room 122 was covered with new concrete. However, it was likely the sanitary sewer piping and floor drain remained below the concrete slab. As-built drawings of the sub-floor piping schematic were not available for review during the Preliminary Assessment. Based upon information collected during the Preliminary Assessment, the Final Work Plan recommended a geophysical survey in Room 122 of Building 102 to verify the presence of the sump and piping associated with the floor drain. Results of the geophysical survey provided recommendations for proposed locations of soil borings and the collection of soil samples to be analyzed for lead. The geophysical survey was conducted on July 2 and 3, 2014, and Site Investigation activities were conducted from July 14 to 18, 2014.

Two soil samples were collected from each of the three boring locations at the Floor Drain in Battery Room – Building 102. Soil samples were analyzed for lead. Lead concentrations in soil were well below the EPA residential soil screening value. No groundwater samples were required. Lead was detected in soil at concentrations below the Regional Screening Level for residential direct contact. Results indicate that lead is not a Contaminant of Concern in soil at the Floor Drain in Battery Room – Building 102. No further investigation was needed.