

## Sampling Approach

Laguna Anones lies within UXO 4, which covers the Live Impact Area (LIA). UXO 4 is approximately 855 acres in size. Eleven decision units (including three lagoons) were established for the site. Each decision unit was generally defined based on the topography and localized drainage; however, three decision units were defined based on the fringes of Lagunas Anones, Gato, and Icacos, which may be potential land crab habitats. A higher quantity of sampling units was placed in the terrestrial decision units representing the most significant release potential to the environment, since the potential human health and ecological receptor exposure scenarios are similar amongst all of the decision units. The Laguna Anones Fringe Decision Unit was established as follows:

- Laguna Anones Fringe – 5 sampling units (0 to 2.5 inches) equally spaced and 5 discrete deeper surface soil samples (2.5 to 24 inches). The lagoon fringe boundary is from the high water mark of the lagoon to 30 ft inland. Discrete samples will be biased toward areas where higher frequencies of MEC and munitions scrap were found and removed (primarily) and land crab burrow density is highest (secondarily).

The number of sediment and surface water samples per lagoon was selected based on the size of the lagoon and proximity to areas with the highest potential for contamination. Since Laguna Anones is the largest lagoon at UXO 4 and located adjacent to multiple former activity features and high quantities of MEC and munitions scrap, this lagoon contains the highest quantity of samples.

Sediment and surface water samples were located for broad spatial distribution, while ensuring areas with the highest frequencies of MEC identified were included. The number of samples in Laguna Anones is as follows:

- Laguna Anones – 15 sediment samples (0 to 6 inches) and 6 surface water samples (at mid-depth).