

Final Work Plan - California Regional PM10/PM2.5 Air Quality Study Ammonia Emissions Improvement Projects in Support of CRPAQS Aerosol Modeling and Data Analyses: Draft Ammonia Inventory Development (pages 2-15 to 2-16)

Native Animals

This source category is considered a minor source. Native animals were not included in the most recent inventory for the San Joaquin Valley (STI 1998). Native animals accounted for only 0.01% of the recent South Coast Air Basin inventory (ATC 2000). The ENVIRON team will develop emissions estimates for this category without expending an unwarranted amount of effort for this minor source.

Emissions from small and ubiquitous animals (e.g., rodents and birds) are assumed accounted for in the soil emissions estimates.

Emission factors for several wild animals have been presented, however these factors vary considerably. The ENVIRON team will use emission factors developed for the South Coast Air Basin inventory (ATC 2000). These emission factors, developed from a generic herbivore emission factor from Warn et. al., (1990). Are shown on Table 2-7.