



**Figure x:** Average May through September (dry-season) concentrations for all the years of record (typically 2001-2009) for an assortment of Ventura River tributaries and creeks in and around Santa Barbara. The land uses associated with each stream are as follows: undeveloped (Rattlesnake); urban (Arroyo Burro, Mission); horses (Pirie, Lion, Atascadero, Cieneguitas); agriculture (upper San Antonio, Carpenteria, Glen Annie, Bell Cyn., Franklin). While there are obvious exceptions and some streams exemplify mixed uses the following associations typically hold for this region: undeveloped (low N, low P); urban (moderate N, high P); domestic animals, e.g., horses (moderate N, very high P); agriculture (very high N, low to moderate P).