

02-04-13 Preliminary Draft Comments from Clean Air Scientific Advisory Committee (CASAC) Lead Review Panel. These preliminary pre-meeting comments are from individual members of the Panel and do not represent CASAC consensus comments nor EPA policy. Do not cite or quote.

## **Preliminary Comments on the ISA from Dr. Roman Lanno**

### **Comments on Chapter 7 – Ecological Effects of Lead**

The 3<sup>rd</sup> draft of the Ecological Effects of Lead in the ISA is well written and an excellent improvement of the previous draft. In particular, the tables at the end of the chapter (Tables 7-3 to 7-6) organize a tremendous amount of data in a very accessible manner. This allows ready reference to the key data in each of the new manuscripts reviewed for this chapter. The standardization of units (e.g., mg/L, mg/kg) facilitates easier comparison of exposure doses in the studies. More importantly, it's easy to see where exposure dose is only nominal and when it is actually measured. This makes it fairly simple to see which studies are of sufficient quality to actually use as primary data for causal analysis.

The chapter is logically organized into terrestrial, freshwater, and saltwater sections, with consistent organization within sections. Although this leads to some repetition within sections, it is still easy to read and follow.

Additional detailed comments will be provided.