

## **Air Quality Projects:**

### **Client: Hexacomb Corporation**

Dr. Schwerdtfeger served as PM for air quality permitting and regulatory support since 1999. Dr. Schwerdtfeger testified in front of the SCAQMD Hearing Board on two occasions for Hexacomb, obtained six permits, developed voluntary operating limits for hazardous air pollutants (HAPs), and prepared the annual emission reports (AERs) since 1999. Hexacomb continues to rely on her as a key member of their team with knowledge of their operations and history with SCAQMD.

### **Client: Marine Corps Air Station (MCAS) Yuma**

Dr. Schwerdtfeger served as PM for air quality support. This included inventorying all stationary and fugitive emission sources, preparing an air quality permit, conducting a hazardous material inventory, and preparing the EPCRA 312 and 313 submittals. Dr. Schwerdtfeger was able to obtain a NESHAP Permit Shield and avoid Title V by proposing and obtaining voluntary operating limits for MCAS Yuma. Dr. Schwerdtfeger also obtained an exemption from ADEQ for 400 non-road engines by providing regulatory precedents from other states and a technical justification to support changing the regulatory status of tactical ground support equipment (GSE).

### **Client: Major Airline**

Dr. Schwerdtfeger completed an application to register one and cancel several portable engines used as ground support equipment. She also served as the PM on the annual emission inventory report for this client.

### **Client: Plains All American Pipeline**

Dr. Schwerdtfeger reviewed emission estimates and calculations for a Draft Environmental Impact Report (DEIR) being prepared by the Port of Los Angeles for the construction of Pier 400. This new facility will increase the amount of petroleum products available to local refineries in Southern California.

### **Client: Eastern Municipal Water District (EMWD)**

Dr. Schwerdtfeger deconstructed 200 air quality permits for input into the environmental management information system (EMIS). EMWD wished to assign specific action items and deadlines to individuals in order to maintain compliance with over 1,800 discrete requirements in these permits.