

AIR-RELATED PROJECT CAPSULES

1. Shopping Center - Thornton, Colorado

Designed underslab vent systems for five (5) structures located ovetop of plumes of petroleum hydrocarbons and/or dry cleaning solvents from both on-site and off-site sources. Other activities included construction observation during installation of the underslab vent systems; pilot testing (air flow versus vacuum) to size the blowers for the active vent systems; preparation of a Completion Report/Request for No-Action-Determination (NAD); preparation of an operation & maintenance (O&M) plan; quarterly site visits for O&M; measurement and recording of vacuum readings at the blowers and monitoring points during the quarterly site visits; collection of off-gas samples from each blower on a quarterly basis for laboratory analyses of volatile organic compounds (VOCs); and yearly reporting of the quarterly O&M data to the regulatory agency.

2. Sick Building Syndrome - Fort Collins, Colorado

Reviewed building occupant complaints; evaluated possible causes; selected initial parameters for testing at the site; performed indoor air monitoring; evaluated the data; made recommendations for building improvements; and prepared a summary report.

3. Wastewater Evaporative Ponds - Grand County, Utah

Reviewed existing information; made site visit; prepared work plan for revision of Notice of Intent; performed air emission estimates; coordinated microbiological testing of produced water; performed BACT analysis; submitted revised NOI; submitted Title V permit application; initiated AO implementation phase; and coordinated with regulatory agencies.

4. Crude Oil Well and Storage Tanks - Routt County, Colorado

Reviewed equipment information; performed air emission estimates; prepared and submitted air pollutant emission notices (APENs) and permit application; and coordinated with regulatory agency.