

3.0 Health and Safety

All activities at the site were conducted in accordance with the requirements established in the Site-Specific Health & Safety Plan (SSHP) provided in the Project Work Plan. The SSHP, developed by the Rapid Response Program Certified Industrial Hygienist (CIH), described the safety and health guidelines used to protect employees and the public from physical and chemical hazards likely to be encountered at the site. The requirements of the SSHP were administered by a Site Safety Officer (SSO), who ensured compliance with both the SSHP and USACE EM 385-1-1 (September 1996). At all times during the execution of the project, health and safety were maintained as a top priority. Health and safety goals and objectives for the project included:

- Experience zero lost/restricted workday cases, OSHA recordable cases, and vehicular accidents;
- Ensure compliance with federal, state, local, and client regulations, codes and standards;
- Heighten employee safety and health awareness; and,
- Continually analyze work activities and make necessary modifications/improvements.

The project was completed successfully meeting all of the previously stated goals and objectives.

3.1 Air Monitoring

During all excavation performed at the site, real time monitoring with a PID was performed to ensure that no personnel are exposed to hazardous atmospheres. This monitoring was performed during the 2005 and 2006 intrusive activities.

During the excavation of Area D, PID readings resulted in upgrading the personal protective equipment (PPE) to level C. During the excavation in other areas, no readings were recorded that required any changes to the PPE required. Readings were also conducted between the excavation areas and the residence on the property with no positive readings incurred.

3.2 Project Health and Safety

The project was conducted over a two year period and did not have any recordable or lost time accidents, chargeable vehicle accidents or any other safety related incidents. Daily tailgate safety meeting meetings were conducted which discussed the proposed work activities for the day and the anticipated hazards. The field crew was encouraged to bring forth any safety concerns during this meeting and all issues were addressed.

The main hazards encountered during the work included working around heavy equipment, slippery surfaces when working around wet and frozen ground and drum handling. During most site activities, level D protective clothing was required. During the drum excavation and overpacking tasks in Area D, level C protective clothing was required.