

## Industrial Hygiene Monitoring and Noise Survey for Stone Products Inc., Napa, California

As a contractor to Stone Products, Inc., GAIA performed an OSHA audit, Industrial Hygiene air monitoring, ventilation testing, and a comprehensive facility-wide noise survey. Stone Products is located in Napa, California and they are one of the largest producer of artificial and aggregate rock and stone facades.



GAIA performed both area and personal sampling using standard IH methodologies to test for levels of dust, silica, metal pigment dust, metal oxides and acids throughout the facility. GAIA also performed ventilation testing on exhaust hoods at work stations and hoppers/mixers to determine optimal flow, location and design of the facility to reduce dust exposure. This combined information was used to analyze, adjust and improve the dust levels at both indoor and outdoor operation areas.

In addition, GAIA performed a facility-wide noise survey of continuous and intermittent noise levels from machinery. GAIA presented the information in color-coded map overlays used at the facility for their hearing protection program.

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## Health and Safety Training



As a contractor to Geoline, GAIA has provided and continues to provide environmental health and safety training. GAIA contributed significantly to the preparation of the course materials, and provided its own audiovisual materials. The training provided includes OSHA 40-hour training, 8-hour Refresher training, and 8-hour Supervisor training. Training modules include introduction to toxicology, chemical properties and hazards, personal protective equipment, respiratory protection, excavation safety, confined space entry, and others. Classes typically include a wide range of personnel, from technicians and laborers to high-level management staff. GAIA emphasizes "real world" working conditions and provides realistic, implementable approaches to personal and site protection requirements.

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## Health and Safety Plan Preparation

As a subcontractor to Levine-Fricke, Inc., GAIA prepared a Health and Safety Plan (HSP) for a high profile CalTrans project that involved the removal, transport, and reuse of low level contaminated soil to construct a parking lot. The HSP was designed with provisions to protect Levine-Fricke employees and their subcontractors, CalTrans personnel, and the general public from exposure to potentially contaminated dust.

