

## **Environmental Standards and Procedures for Long Beach Unified School District**

Long Beach Unified School District (LBUSD) works to ensure protection of children, staff and the environment from the potential effects of exposure to hazardous materials. LBUSD routinely conducts environmental assessments to provide basic information for determining if there has been a release of hazardous material at a particular site, or if a naturally occurring hazardous material that presents a risk to human health or the environment may be present.

Through the environmental review process, LBUSD works with the Department of Toxic Substance Control (DTSC) to ensure that our schools are not impacted or, if the properties were previously impacted, that they have been cleaned up to a level that protects the students and staff who will occupy the schools.

### **Statement of Soil Assessment at Newcomb K-8 Academy**

Prior to school construction, environmental investigations were conducted to ensure protection of children, staff and the environment from the potential effects of exposure to hazardous materials. During the investigations organochlorine pesticides (OCPs) were detected at a concentration above screening levels in shallow soils in two areas in the eastern portion of the property. In April and June 2012, approximately 8.5 cubic yards of OCP-impacted soil was excavated and disposed of off-site. DTSC provided a letter on July 18, 2012 stating that no additional investigation was required.

As part of construction activities at the site, in December 2013, unevaluated crushed aggregate base (CAB) material was placed on site near a temporary construction trailer area for the management of rainwater. Once it was realized that the material came from an unevaluated source, LBUSD directed its environmental consultant (EC) to collect a representative sample of the CAB material for chemical analysis. The EC analyzed the CAB and determined that it contained arsenic at a level above the DTSC accepted background concentration.

LBUSD directed the EC to define the lateral and vertical extent of the arsenic-impacted shallow soils underneath the CAB material. In May 2015, under DTSC oversight, a limited soil excavation was completed and all arsenic-impacted CAB and soils were removed and disposed at an off-site landfill.

During construction activities at the school property, two soil stockpiles were generated between April and June 2015 during grading activities. The two soil stockpiles were not placed on polyethylene sheeting. The stockpiles were tested by the EC for waste characterization purposes and petroleum hydrocarbons (e.g., oil) were identified in the stockpiles. Between June 17 and June 23, 2015, under DTSC oversight, the stockpiles were removed to an approved disposal facility. After removal of the two off-site stockpiles, the EC collected surface soil samples from the former stockpile areas to evaluate the area for residual contamination. None of the laboratory results indicated contamination above screening levels.

After reviewing the lab results and report, the DTSC determined that the site is safe for unrestricted use and no further action is required.