

Detterman, Mark, Env. Health

From: Binder, Suzanne [sbinder@Piedmont.k12.ca.us]
Sent: Friday, March 25, 2011 3:03 PM
To: Detterman, Mark, Env. Health
Cc: Brady, Michael
Subject: RO#0003067 - UST (Underground Storage Tank) Case Closure Consideration for PUSD
Attachments: List of Landowners Form.pdf; DTSC oversight termination letter dated 2010-9-8.pdf
Categories: Red Category

Hi Mark,

Attached is a signed "List of Landowners Form" as requested in your March 11, 2011 letter. Your letter also requested that Piedmont Unified School District claim the site in GeoTracker which has been done. We have uploaded to GeoTracker the PEA-SAP work plan reports and related correspondence. Because this was just completed today, you won't be able to view until Monday due to the 48 hour uploading lag time I'm told.

Also attached is the correspondence we received from DTSC terminating the EOA (Environmental Oversight Agreement - Docket #HSA-EOA 09/10-048) that Michael Brady mentioned.

Thanks,

Suzanne Binder
Business Services
510-594-2609



Department of Toxic Substances Control

Linda S. Adams
Secretary for
Environmental Protection

Maziar Movassaghi, Acting Director
8800 Cal Center Drive
Sacramento, California 95826-3200

Arnold Schwarzenegger
Governor

September 8, 2010

Mr. Michael Brady
Assistant Superintendent
Facilities Maintenance and Operation
Piedmont Unified School District
760 Magnolia Avenue
Piedmont, California 94611

ENVIRONMENTAL OVERSIGHT AGREEMENT (DOCKET NUMBER
HSA-EOA 09/10-048) TERMINATION AT PRELIMINARY ENVIRONMENTAL
ASSESSMENT REPORT PHASE, FRANK C. HAVENS ELEMENTARY SCHOOL,
1800 OAKLAND AVENUE, PIEDMONT (SITE CODE 204235)

Dear Mr. Brady:

The Department of Toxic Substances Control (DTSC) received notification on May 18, 2010 through School Site Solutions, Inc., Piedmont Unified School District's (District) consultant, that the District is requesting to terminate the subject Environmental Oversight Agreement (EOA) with DTSC pursuant to Section 3.18 (Termination) of the EOA. Although the District is seeking funding from the California Department of Education (CDE) for the modernization project, based on the CDE's determination, the District is exempt from DTSC oversight. However, the District chose to submit the Preliminary Environmental Assessment (PEA) Report and other pertinent documents for DTSC review and comment.

In response to the request of the District, DTSC agrees to terminate the EOA, Docket Number HSA-EOA 09/10-048, between DTSC and the District, effective immediately.

On August 23, 2010, DTSC received an electronic copy (e-copy) of the PEA Report dated August 4, 2010 and the Passive and Active Soil Gas Investigation Report and Vapor Intrusion Pathway Screening Risk Assessment (Soil-Gas Investigation report) dated August 3, 2010 (both documents prepared by Millennium Consulting Associates). In addition, DTSC also received an e-copy of the peer review final report from Exponent entitled Risk Assessment Report Services for Havens Elementary School via e-mail on August 17, 2010. The PEA report and the Soil-Gas Investigation report presents investigation results and conclusions based on a health risk screening evaluation for the site. The Exponent's report presents their independent review of the Millennium's Soil-

Mr. Michael Brady
September 8, 2010
Page 2

Gas Investigation report and their independent conclusions regarding the need for further investigation at the site.

The Site is approximately three acres and located at 1800 Oakland Avenue in Piedmont, California. The Site was occupied with numerous single-story structures prior to the current modernization project and operated by the District as an elementary school. The immediate vicinity around the Site is zoned as residential and commercial.

A PEA investigation was conducted at the site to evaluate the potential presence of lead from lead-based paints, organochlorine pesticides (OCPs) from termiticide application, and arsenic in on-site fill materials. In addition, passive and active soil-gas sampling was conducted to assess the potential for vapor intrusion due to potential on- and/or off-site releases of petroleum hydrocarbons (TPHs). The PEA sampling results were used to assess if lead, arsenic, OCPs, and/or TPHs pose an unacceptable health risk under unrestricted land use standards.

The PEA Report indicated that concentrations of OCPs and lead in soil were below their respective California Human Health Screening Levels (CHHSLs) as established by the Office of Environmental Health Hazard Assessment. Concentrations of arsenic in soil were all below levels of concern. The PEA Report concludes no further action is required on the site with regards to OCPs, lead, and arsenic.

The Soil-Gas Investigation report indicated that no onsite TPH-sources were found and it would appear that the TPH may have migrated from an unidentified up gradient source. The Soil-Gas Investigation reported the resulting calculated cancer risk, utilizing the maximum detected active soil gas concentrations, was 5.6×10^{-7} while the cumulative hazard index was 5.4×10^{-3} . The Exponent's report indicated that some chemicals of potential concerns (COPCs) (e.g. 1, 3-butadiene) were not included in the Millennium's risk assessment analysis. However, the inclusion of all COPCs still resulted in a calculated cancer risk of 1×10^{-6} and a hazard index of 0.01. The calculated cancer risks and hazards were at or below the industry standard of 1.0×10^{-6} and 1.0, respectively. Both the Millennium and the Exponent's reports conclude that soil-vapors do not pose a risk or hazard to human health.

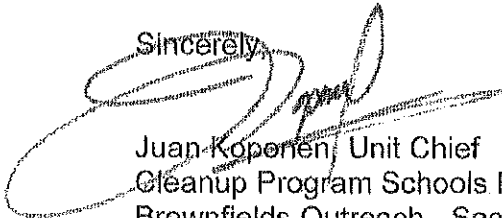
Based on review of the PEA Report and the other pertinent documents, neither a release of hazardous material nor the presence of a naturally occurring hazardous material which would pose a threat to public health or the environment under unrestricted land use was indicated at the site. Since the District has not put the PEA report out for public comment, DTSC cannot approve the PEA report. However, DTSC concurs with the conclusion of the PEA report that further environmental investigation of the site is not required.

Mr. Michael Brady
September 8, 2010
Page 3

DTSC copied the Oakland Certified Unified Program Agency (CUPA) on this letter for notification and for them to take appropriate action(s) regarding the outside source of the TPH issue, if needed.

If you have any questions regarding the project, please contact Ms. Mellan Songco at (916) 255-6527 or via e-mail at MSongco@dtsc.ca.gov or myself at (916) 255-3732 or via e-mail at JKoponen@dtsc.ca.gov.

Sincerely,



Juan Koponen, Unit Chief
Cleanup Program Schools Evaluations &
Brownfields Outreach - Sacramento

cc: (via e-mail)

C. John Dominguez
School Site Solutions, Inc.
John@schoolsitesolutions.com

Pete Palmer
Vila Construction
Pete@vilaconstruction.com

Harold "Bud" Duke, PG
DTSC Senior Engineering Geologist
Cleanup Program Schools Evaluations &
Brownfields Outreach-Sacramento
BDuke@dtsc.ca.gov

Mellan P. Songco, MPA
DTSC Project Manager
Cleanup Program Schools Evaluations &
Brownfields Outreach-Sacramento
MSongco@dtsc.ca.gov

Mark Milani, PE
Millennium Consulting Associates
MMilani@mecaenviro.com

Valerie Mitchell, PhD
DTSC Staff Toxicologist
Human and Ecological Risk Office
VMitchel@dtsc.ca.gov

Michael O'Neill
California Department of Education
School Facilities Planning Division
MOneill@cde.ca.gov

Sheryl Simms Skillern
Oakland Fire Department
Certified Unified Program Agency (CUPA)
SSkillern@oaklandnet.com

Schools Team Reading File – Sacramento Office (hard copy)