

CLOSED FORMER HIGH SCHOOL BUILDING

Emergency Response and Remediation



**KEATING
ENVIRONMENTAL
MANAGEMENT, INC.**

Environmental,
Energy &
Sustainability
Solutions

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Client

School System

Elements of the Projects

- Spill Remediation
- Universal Waste and Hazardous Materials Cleanup
- Regulatory Compliance
- Waste Transportation and Disposal
- Emergency Response

A vacant multi-story, former high school building was to be sold and reutilized for modern housing. As a result of an in-building oil spill, that was estimated to be in excess of 2,000 gallons, KEM responded to this location to provide remediation services, including a subsurface evaluation.

As part of the subsequent evaluation of this property, KEM provided chemical inventory, packing and other services to remediate

multiple oil and chemical releases, to remove chemicals and to stabilize the site from a health and safety perspective.

During the course of this 5 month long project, the following activities were accomplished:

- Emergency response cleanup of an in-building oil spill;



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- Subsurface investigation to delineate the extent of impact caused by the oil spill, including the development of a Site Characterization Report for submittal to PADEP and other reports for City authorities;
- Interface with representatives from the PADEP and the Fire Department of the City of Philadelphia;
- Management of vandalized electrical transformers to evaluate regulatory issues associated with Federal PCB regulations (40 CFR 761);
- The remediation of above ground waste oil tanks and the removal of numerous compressed gas cylinders;
- Laboratory packing of discarded chemicals, including hazardous materials;
- The package disposal and/or recycling of numerous batteries, computers, monitors, keyboards, fluorescent light tubes and mercury bulbs;
- Identification, segregation, removal and disposal of PCB light ballast;
- The sampling and packaging for disposal of waste paints, glues, pesticides, formaldehyde, automotive and hydraulic systems oils, aerosol cans and compressed gas cylinders; and
- Packaging and disposal of unsecured piles of powdered acid, soda ash and salt.

During the course of this assignment, over 87,000 pounds of material were removed from the site for disposal and recycling. In addition to the spilled oil, the material that was removed included over 8 tons of electronic material, 6 tons of light ballast (PCB and non-PCB), 2 tons of fluorescent tubes, 1 ton of paints and 1 ton of lead/acid batteries.



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