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Alameda County
Environmental Health

**NOTIFICATION OF SOIL REMOVAL ACTION**
**Desert Petroleum Site DP793**
**September 10, 2009**

**Site Location: Desert Petroleum Site DP793, 4035 Park Boulevard, Oakland, California 94602**
**Fuel Leak Case #RO0000429 and Geotracker Global ID # T0600100158**

**Summary –** This fact sheet has been prepared to inform community members and other interested parties of a plan to conduct a soil cleanup at 4035 Park Boulevard, Oakland, CA. The soil cleanup will be performed by soil excavation. Excavation activities will concentrate on the area that has been identified to contain gasoline contaminated soils. Total depth of the excavation is anticipated at or near 32 feet below the surface. The area to be excavated contains clean overburden to a depth of 8 to 10 feet below the surface. Prior to any excavation activity the site will be prepared. The site is secured by a 6 foot tall wire fence. This fence will be utilized to prevent non essential personnel from entering the site. To prevent sediment leaving the site or runoff from the stockpiles rice straw wattles will be placed around the perimeter of the stockpiles and the site side of the security fence that boarders the property. It is anticipated that groundwater will enter the excavation. A 20,000 gallon capacity tank will be placed within the fenced in site to hold all water that is pumped from the excavation. This water will then be pumped through, two in series, water carbon units and discharged to the sanitary sewer after being metered (East Bay Municipal Utility District – Sewer Discharge Permit #50435501). All excavated soil will be placed on top of and covered with 6 mil plastic liner to prevent vapor, sediment and dust migration. The excavation of the clean overburden will commence once all the sediment and water controls are in place. An air monitoring program will monitor the excavation and ambient air for odor, photo ionizing detector (PID) response and dust. If dust is created a water mist will be used to remove the dust from the air. It will be unavoidable to prevent some odor, but if PID levels are greater than 30 ppm at the parameter of the site, fence or moderate to strong odor, water mist will be used and if necessary the excavation rate will be slowed or stopped all together until ambient conditions improve. In no event will excavation continue if PID responses at the excavation area exceed 300 ppm, OSHA PEL (permissible exposure limit, 8 hour day) for gasoline. Water for the water mist will be supplied from the city supplied onsite water faucet that is located near Hampel Street.

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As the excavation progresses the excavated soils will be screened with the PID and a determination will be made to which of the three stockpiles the soil is added. At the beginning of the excavation activity, soils that have been identified as not containing gasoline contaminated soils (overburden) will be stockpiled along the northeast corner of the lot. The excavated contaminated soils will be segregated into two piles. Pile A will be located near the southeast corner of the lot, comprised of soils of noted field screened positive responses to a photo ionizing detector (PID) with a 10.6 ev bulb. This pile once completed will be sampled and profiled for disposed at a Class II landfill. Pile B will be located along the eastern edge of the lot between stockpile A and the clean overburden stockpile. This stockpile will be comprised of soils of questionable field screened responses to the PID. Pile B will be sampled to determine if this soil can be left on site or qualifies for aeration. Both piles will be place upon and covered with plastic liner when not being sampled or added to, to prevent dust and odor nuisance.

Once the excavation has satisfactorily been completed, confirmation soil samples of the sidewalls and base of the excavation will be obtained**.** A 4 inch PVC well (dewatering well) will be permanently placed for future groundwater/vapor removal. Once the well has been placed and completion of confirmation sampling, backfilling of the excavation will commence**.**

At completion of backfilling the site will be secured, all stockpiles covered, inspection of sediment controls, and continued discharge/treatment of excavation water stored in the 20,000 gallon tank. Once this tank is emptied it will be cleaned of sediment, the sediment will be added to stockpile A and the tank removed from the site.

The described activities are anticipated to take 4 weeks from start to finish. Projected start date is **September 21, 2009**.

**Background –** This property was previously an auto repair and fuel dispensing facility. The following chronology addresses the environmental activities for this site.

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| November 1989 | Alameda County Health Department notified Desert Petroleum that gasoline was trickling into a sewer on Brighton Avenue through a crack in the bottom of the sewer access. Desert Petroleum contacted the station tenant, Mr. Jason Gopad, and advised him to test the fuel tanks and associated piping. The retail fueling facility was closed. All fuel was removed from the underground storage tanks. The product lines were tested and showed that the regular unleaded line failed. |
| June 1994 | Removed all USTs and associated piping from 4035 Park Blvd. |

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| August 1995 | Over-excavated UST, hydraulic hoists and dispenser areas. |
| August 1999 | Installed groundwater receptor trench, Brighton Avenue. |
| January 2000 | Obtained sewer discharge permit from East Bay Municipal Utility District. Started pumping and treating contaminated groundwater, discharge treated groundwater to city sewer. |
| April 2003 | Demolished existing service station building. |
| July 2003 | Notice to initiate work plan submitted May 1, 2003 |
| August 2003 | Alameda County Health, notification not to proceed with work plan. |
| December 2004 | Direct push/cored 12 borings to obtain groundwater and soil samples. |
| March 2005 | Published Conceptual Model |
| February 2006 | Published Work Plan to: Over-excavate contaminated soils; to connect the receptor trench to treatment compound; further define TPHg groundwater plume. |
| August 2009 | Revised work plan to excavate contaminated soils. |

**Contact Information –**
Desert Petroleum, Mr. Robert Tribble, 3781 Telegraph Road, Ventura, CA 93003 (805) 654-8084

Property Owner: Mr. Kin Man Li et al., P.O. Box 348, Oakland, CA. 94604

Consultant: Western Geo-Engineers, Mr. George Converse, 1386 E. Beamer Street, Woodland, CA. 95776 (530) 668-5300. This **NOTIFICATION OF SOIL REMOVAL ACTION** was prepared by Mr. Converse.

The proposed soil cleanup is described in work plans prepared by Western Geo-Engineers. These work plans and the entire case file can be viewed over the Internet on the ACEH website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board Geotracker website (http://geotracker.swrcb.ca.gov).

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org