



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

PUBLIC NOTIFICATION OF POTENTIAL CASE CLOSURE
SHELL #13-5685
November 18, 2010

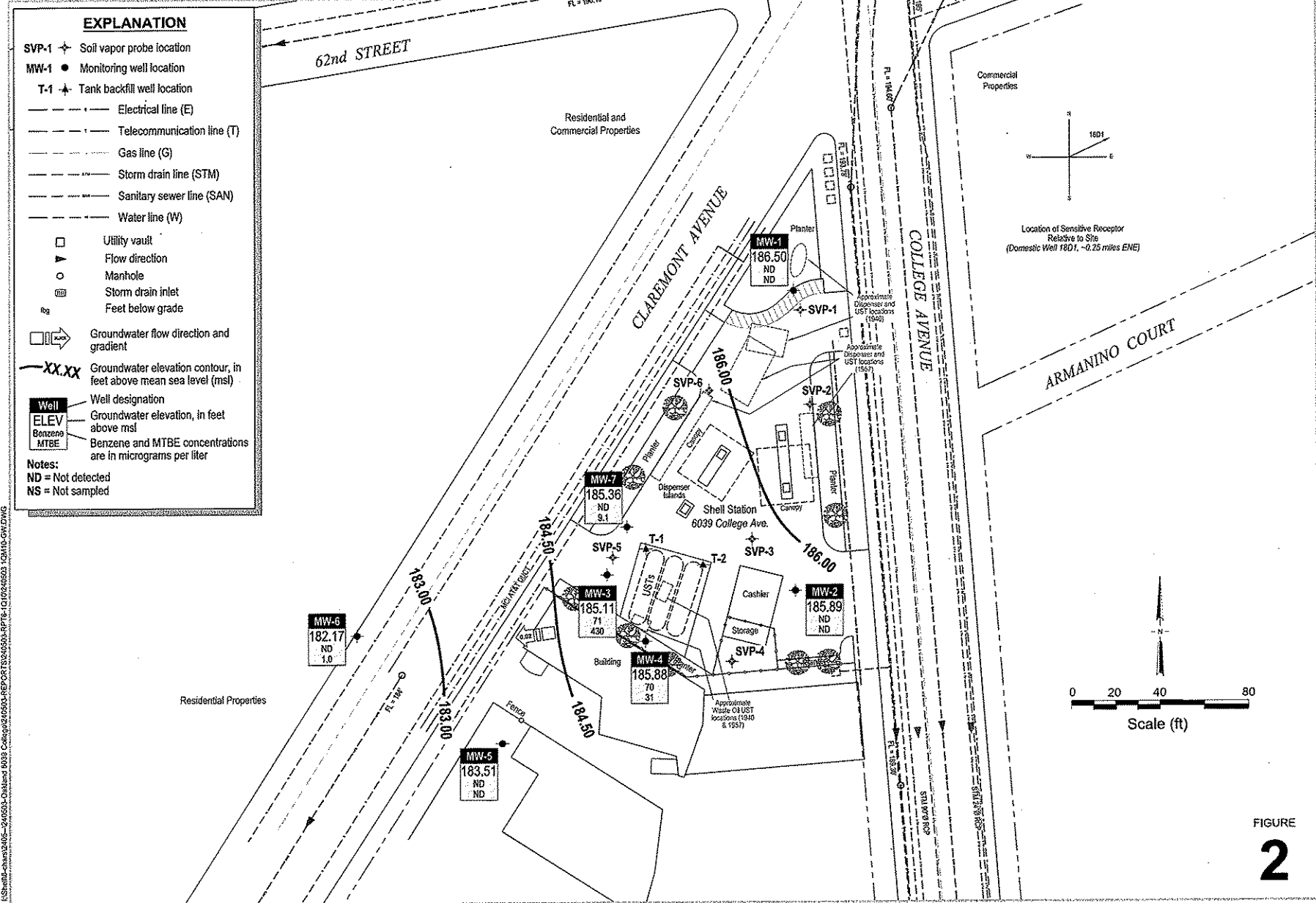
Site Location: 6039 College Avenue, Oakland, CA 94618
Fuel Leak Case RO0000469 and GeoTracker Global ID T0600101272

Summary – This fact sheet has been prepared to inform community members and other interested parties of potential case closure for a fuel leak case at the Shell-branded service station at 6039 College Avenue in Oakland, California (see attached map on back). Site investigation and cleanup activities have been completed and it does not appear that the fuel release presents a risk to human health for nearby residents or site workers. Site investigation activities, which were conducted at various times between 1990 and 2010, have defined the extent of petroleum hydrocarbons in soil and groundwater beneath the site. Groundwater monitoring has been conducted since February 1990 using five groundwater monitoring wells at the site and two monitoring wells west of the site. The groundwater monitoring data indicate that the concentrations of petroleum hydrocarbons in groundwater have decreased since 1990 and that water quality is expected to be restored to water quality objectives through natural attenuation processes. During the most recent groundwater sampling event in February 2010, the maximum concentration of methyl tert-butyl ether (MTBE) detected in groundwater beneath the site was 430 micrograms per liter (parts per billion). No petroleum hydrocarbons, MTBE, or other fuel oxygenates were detected in groundwater collected from the off-site monitoring wells. Soil vapor sampling was conducted at six locations on the site in March 2010. No chemicals of concern were detected in any of the soil vapor samples. The residual contamination does not appear to pose a risk to nearby residents or site workers.

Background – The site has been a gasoline service station since approximately 1940. A release of gasoline from the fueling system was discovered in September 1989. Petroleum hydrocarbons were also detected in soil beneath piping and dispensers during a fuel system upgrade in February 1998. Soil and groundwater sampling activities have taken place at various times between 1990 and 2010. Extraction of free-phase petroleum hydrocarbons and groundwater containing dissolved-phase petroleum hydrocarbons took place using on-site monitoring wells between September 1999 and January 2005. Long-term groundwater monitoring using five on-site and two off-site monitoring wells was conducted from February 1990 until February 2010.

Next Step – The public is invited to review and comment on the potential closure of the fuel leak case. 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>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by December 20, 2010** will be considered and responded to prior to a final determination on the proposed case closure.

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



**Groundwater Contour and
Chemical Concentration Map**

February 3, 2010



Shell-branded Service Station
 6039 College Avenue
 Oakland, California

FIGURE
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