

QUARTERLY SUMMARY REPORT

Alameda County

September 1989

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ARCO Service Station No. 2035
1001 San Pablo Avenue
Albany, California

Brief History

- March 16, 1988, vapor/vent line leak detected in unleaded and regular gasoline systems during annual tank testing at the site. The systems were repaired.
- April 26, 1988, Hunter Environmental retested the systems and the systems passed. An Underground Storage Tank Unauthorized Release (Leak) Report and results of tank testing were sent from Brown and Caldwell to Alameda County Division of Environmental Health on June 7, 1988.

Work Performed - Third Quarter 1989

- August 1989, Applied GeoSystems observed the drilling of 5 borings to a maximum depth of approximately 20 feet as part of a site assessment prior to tank replacement. Soil samples collected from the borings at a depth of approximately 10 feet indicated levels of total petroleum hydrocarbons as gasoline (TPHg) ranging from less than 1 part per million (ppm) to 2,400 ppm. Soil samples collected from a depth of approximately 15 feet indicated levels of TPHg less than 1 ppm, with the exception of one sample which indicated 520 ppm TPHg. Soil sampled collected from a depth of approximately 20 feet indicated concentrations of TPHg at less than 1 ppm. Ground water was encountered at a depth of approximately 20 feet in each boring.

Proposed Work - Fourth Quarter 1989

- A report will be prepared summarizing the results of the site assessment and will be submitted to the Regional Water Quality Control Board, San Francisco Bay Region; the Alameda County Health Agency; and the City of Albany Fire Department, Fire Prevention Bureau.

Future Work - First Quarter 1990

- ARCO plans to replace the underground storage tanks during the fourth quarter of 1989 or first quarter of 1990. An environmental investigation will be performed during the tank removal activities, including collecting soil samples from beneath the tanks and product lines, and preparing a report summarizing the results of the investigation for submittal to the regulatory agencies.

QUARTERLY SUMMARY REPORT

Alameda County

September 1989



ARCO Service Station No. 1319
365 Jackson Street/Sycamore Avenue
Hayward, California

Brief History

- June 7, 1988, five borings were drilled to a maximum depth of 32-1/2 feet, and soil samples were collected from the boreholes as part of a pre-tank replacement assessment performed by Applied GeoSystems. Ground water was not encountered (Applied GeoSystems Report No. 18067-1, dated July 1988). Results of laboratory analyses of soil samples indicated nondetectable levels of hydrocarbons. Boring locations are shown on Plate P-1.
- August 4, 1988, four gasoline tanks and one waste-oil storage tank were excavated and removed from the site by Gettler-Ryan Inc. (Applied GeoSystems Report No. 18067-2, dated December 14, 1988). The locations of the tanks are shown on Plate P-1. A through-going hole was observed at the fill-port (north) end of tank T1, and another opposite the fill end of tank T2. Soil samples were collected from beneath the tanks for laboratory analyses. The results of analyses indicated levels of petroleum hydrocarbons ranging from less than 2 ppm to 500 ppm beneath tanks T2 and T3. Petroleum hydrocarbons were not detected in the samples collected beneath tank T4 and the waste-oil tank. A level of 1,429 ppm was detected from one soil sample collected from beneath tank T1 at a depth of 20 feet below the ground surface. A new tank pit was excavated east of the existing tank pit and new tanks were installed.
- August through September 1988, excavated soil was aerated onsite by Gettler-Ryan, Inc. and then transported to a class III landfill.

Work Performed during Third Quarter 1989

- Applied GeoSystems prepared a Work Plan for a subsurface environmental investigation to evaluate the extent of hydrocarbon contamination in the soil and

ground-water beneath the site, including drilling and installing three monitoring wells at the site.

Future Work - Fourth Quarter 1989

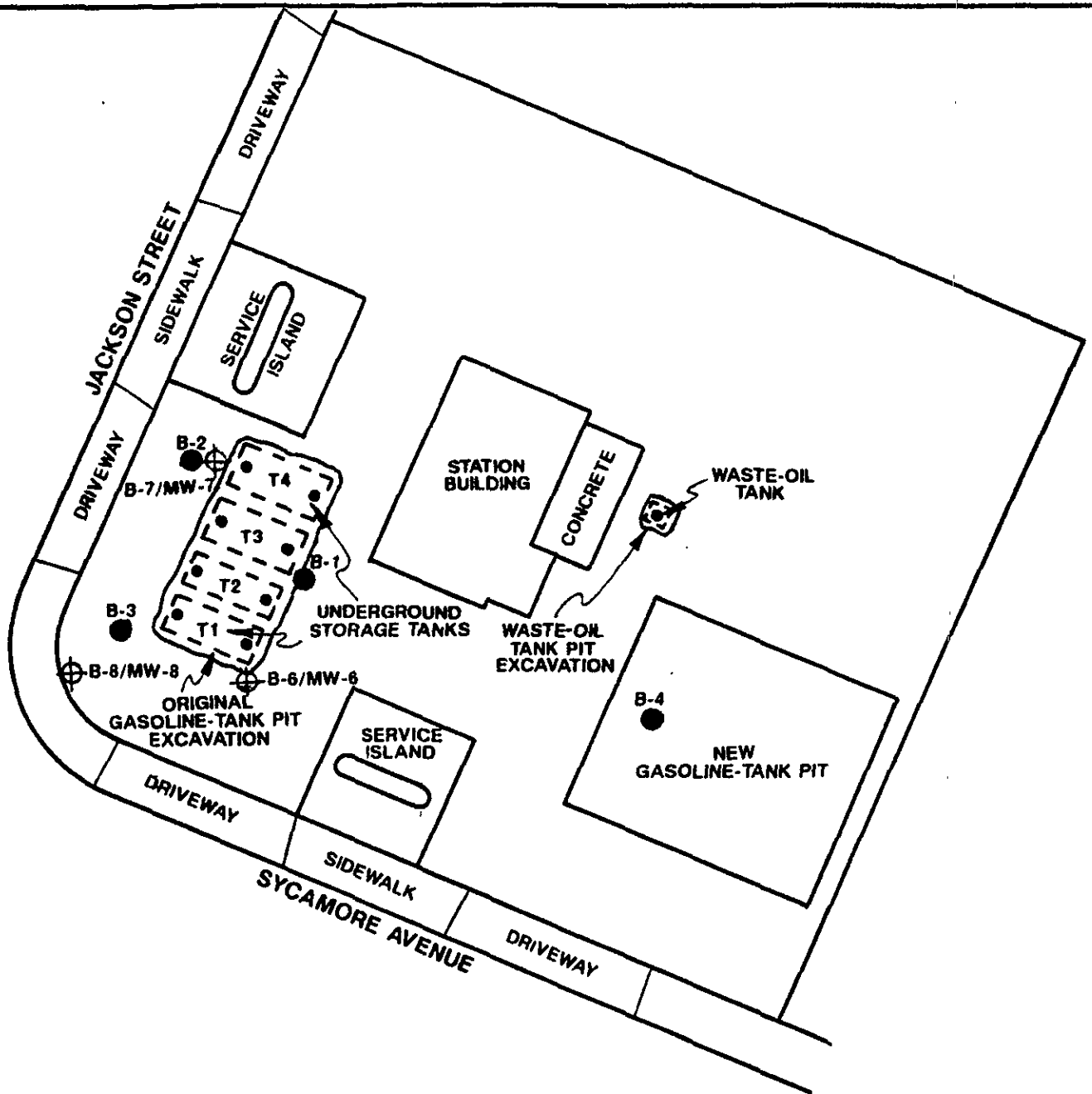
- Submit Work Plan to regulatory agencies.
- Upon receipt of regulatory approval from the Alameda County Water District, the work described in the Work Plan will be initiated.

Status of Delineation of Hydrocarbon-Contaminated Soil

- Extent of soil contamination in the south portion of the tank pit excavation has not been delineated. Proposed work to evaluate the extent of hydrocarbon-contaminated soil is outlined in the Work Plan described above.

Status of Delineation of Hydrocarbon-Contaminated Ground Water

- The potential impact of hydrocarbon contamination to ground water beneath the site has not been evaluated. An investigation at the site is planned for the fourth quarter of 1989.



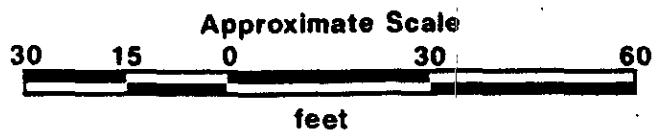
B-8/MW-8

⊕ = Proposed boring/monitoring well location

B-4 ● = Previous boring location

● = Soil sample location collected during previous investigation

Source: Modified from plan supplied by ARCO



PROJECT NO. 19011-1

GENERALIZED SITE PLAN
 ARCO Station No. 1319
 365 Jackson Street
 Hayward, California

PLATE
 P-1