



LRA ENVIRONMENTAL

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August 5, 1992

SITE REMEDIATION PROGRESS REPORT

TACO BELL RESTAURANT

1900 WEBSTER STREET

ALAMEDA, CALIFORNIA

LRA ENVIRONMENTAL JOB NUMBER E-9170

On July 6, 1992, Dolan Foster Enterprises demolished the Taco Bell Restaurant located at 1900 Webster Street. During the destruction of the building, a waste oil storage vessel was discovered. It was located approximately 60 feet east of Webster Street and 60 feet north of Eagle Avenue underneath the main entrance to the now demolished restaurant. The vessel was removed and the barrel, its contents and the surrounding soils were disposed of at B.F.I. Waste Systems on Vasco Road in Livermore, California.

Demolition of the building gave access to an area that had been pre-determined as being the abandoned underground storage tank field. On July 13, 1992, LRA Environmental drilled two (2) borings to 10 feet. Soil samples were taken at intervals of five feet (5') and ten feet (10') below ground surface in both borings. An additional boring was also placed at the site of the waste oil barrel and sampled from five feet (5') to six feet (6') below ground surface, i.e, two feet (2') to three feet (3') beneath the bottom of the waste oil container (see Plate 3). A second sample was also taken from nine feet (9') to ten feet (10') below ground surface at this location.

All samples were retained in stainless steel six inch (6") by two inch (2") tubes. The tubes were sealed, taped and transported to a State of California certified laboratory where they were tested for benzene, toluene, ethyl-benzene, xylene, total fuel hydrocarbons as gasoline, and total petroleum hydrocarbons as diesel and kerosene. Additionally, the samples from beneath the waste oil barrel were tested for purgeable organics, oil and grease and semi-volatile organics. Results of the chemical analysis are presented in Exhibit #3. Hard copies of the chemical analysis are presented in the Appendix portion of this report.

Detectable quantities of contamination were found in the soil on the east side of the abandoned tank field. Of main concern is the amount of benzene detected in that sample. However, contamination amounts does not warrant over excavation of the soil and can be remediated by other methods such as vapor extraction, bioremediation, or extraction and treatment. Contamination was also found in the soil beneath the waste oil vessel at ten feet (10') below ground surface, but poses no major threat or hazard to human health due to the low

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concentrations.

Plans have been made to place four (4) groundwater monitoring wells on site as per the Underground Fuel Tank Monitoring Workplan compiled by LRA Environmental on February 26, 1992. In so far as possible, these wells will be placed according to Regional Water Quality Board guidelines (i.e., one well up-gradient, two wells down gradient and one well within 10 feet of the original contamination source in the verified downgradient direction).

Construction of the new Taco Bell Restaurant has begun and placement of the wells will be completed in conjunction with and prior to the completion of the new restaurant.

On behalf of Dolan Foster Enterprises, we at LRA Environmental would like to thank A.C.E.M.D. for their help and oversight in the remediation of this project. We will continue to take a pro-active position in the remediation process and will be glad to answer any questions that you might have.

This report has been prepared and reviewed by the staff of LRA Environmental and has been reviewed and approved by the "professionals" whose signatures appear on this page.

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