



# Industrial Compliance

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ENVIRONMENTAL  
PROTECTION

95 OCT -3 PM 4:02

September 27, 1995

IC Project No. 05100269

Ms. Jennifer Eberle  
Alameda County Health Care Services Agency  
Department of Environmental Health  
Division of Hazardous Materials  
1131 Harbor Bay Parkway  
Alameda, California 94502

**Re: Addendum to Workplan Dated July 13, 1995  
Southern Pacific Transportation Company  
5th Avenue and 7th Street Property - Oakland, California**

Dear Ms. Eberle:

Industrial Compliance (IC), on behalf of Southern Pacific Transportation Company (SPTCo), has prepared this addendum to the workplan for the 5th Avenue and 7th Street site dated July 13, 1995 (entitled: *Workplan for Installation and Sampling of Additional Monitoring Wells, Southern Pacific Transportation Company, 5th Avenue and 7th Street Property - Oakland, California*). As per discussions during the meeting at the site on August 15, 1995, rather than installing additional monitoring wells at this time, one grab ground water sample will be collected adjacent to the former location of underground storage tanks (USTs) on the site.

- not  
one

Also discussed during the on-site meeting, IC now believes, based on review of aerial photos and the "tank location plan" from the original Canonic tank removal report, that the location of the former USTs is about 240 feet further west than previously identified. The grab ground water sample will be collected immediately to the northeast of the revised UST location (Figure 1). This sampling location is based on several quarters of ground water elevation monitoring data which has shown that the predominant downgradient direction has been to the northeast.

The East Oakland yardmaster will be notified in advance of proposed work, so that tracks next to the work area can be closed to rail traffic. A small hydraulic push/drive sampling rig will be used to collect the grab ground water sample. The choice of this rig type was made due to the physical constraints on sampling at the location of the former USTs. Railroad ballast will be removed from the sample location to an estimated depth of 2 feet. This will ensure that large aggregate will not interfere with the sampling process. Drive casing will be pushed by the drill rig into the water bearing zone, and a Teflon<sup>®</sup> disposable bailer will be used to extract the ground water sample. The ground water sample will be poured into

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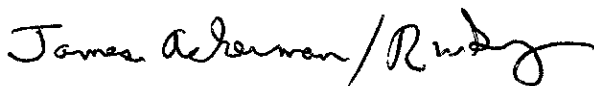
laboratory supplied containers of appropriate volumes and with required preservatives for the intended analyses. The containers will then be placed in a chilled ice chest for transport to a California certified laboratory. The ground water sample will be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020, and for total extractable petroleum hydrocarbons (TEPH) by EPA Method 8015 Modified.

Upon receiving the analytical lab report for the ground water sample, a letter report will be prepared and submitted to Alameda County. This letter report will discuss the analytical results and will present a proposal for further work, if needed.

If you have any questions regarding this workplan addendum, please contact the undersigned at (510) 238-9540 or (916) 369-8971 or Mr. Mike Grant of SPTCo at (415) 541-2838.

Sincerely,

INDUSTRIAL COMPLIANCE



James B. Ackerman  
Project Geologist



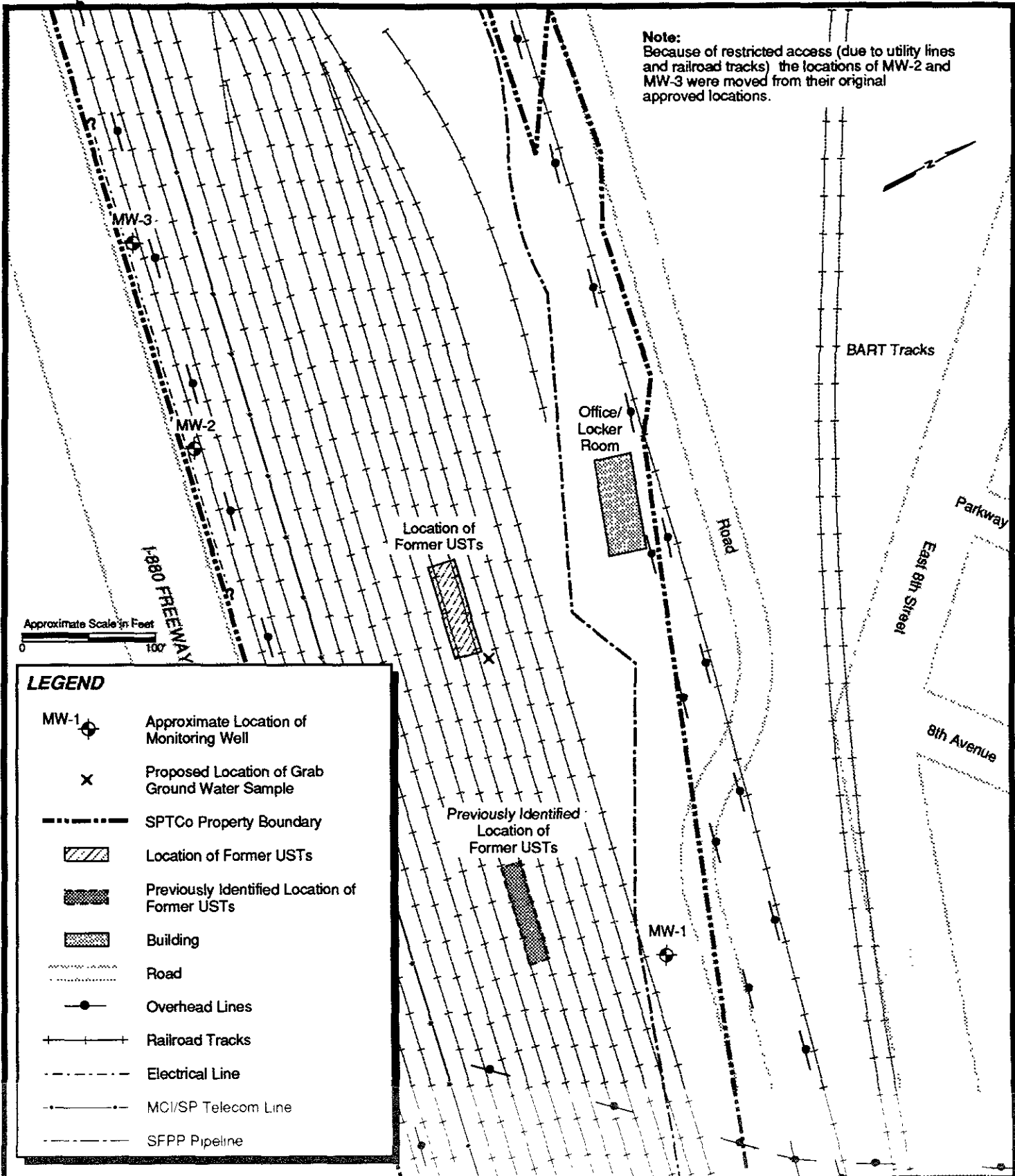
Richard L. Bateman, R.G.  
Principal Hydrogeologist

JBA/RLB/dao

Attachment

cc: Mr. Mike Grant, Southern Pacific Transportation Company (with attachment)  
Mr. Darrell J. Maxey, Oakland Program Office, Southern Pacific Transportation Company (with attachment)  
Ms. Gina Kathuria, California Regional Water Quality Control Board, San Francisco Region (with attachment)

**Note:**  
 Because of restricted access (due to utility lines and railroad tracks) the locations of MW-2 and MW-3 were moved from their original approved locations.



Approximate Scale in Feet  
 0 100

<b>Industrial Compliance</b> A Subsidiary of SP Environmental Systems, Inc.	
Project No. 05100269	Date 09/26/95
Drawn By Patti Decker	Checked By Richard Bateman

**SITE LAYOUT MAP AND PROPOSED GRAB GROUND WATER SAMPLE LOCATION  
 SOUTHERN PACIFIC TRANSPORTATION COMPANY  
 5TH AVENUE AND 7TH STREET PROPERTY  
 OAKLAND, CALIFORNIA**

Figure 1
Page No
Scale as shown