

December 10, 2001
Project No. C80-000930A1

DEC 12 2001

Ms. eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Former Texaco Service Station**
930 Springtown Boulevard
Livermore, California
Incident No. 91995053

Dear Ms. chu:

KHM Environmental Management, Inc. (KHM) recently reviewed your letter to Ms. Karen Petryna of Equiva Services LLC (Equiva) dated November 28, 2001. In the letter you indicated that you intend to make a determination that no further action is required at the above site or issue a closure letter. KHM, on behalf of Equiva, requests that case closure be granted for the subject site.

CASE CLOSURE

Case closure is requested based on the following facts:

- All sources of petroleum hydrocarbons have been removed from the site. Underground storage tanks were removed in June 1985. The property is currently the site of a 7-Eleven convenience store.
- A soil vapor extraction (SVE) system that operated at the site was effective in removing petroleum hydrocarbons from the vadose zone. In an email to Karen Petryna dated November 28, 2001, you requested "the amount of hydrocarbons removed from [by] the soil vapor extraction system that operated from September 1994 to October 1995." KHM has reviewed its internal files and Equiva project files. KHM was unable to find a table with the amount of petroleum hydrocarbons removed by the SVE system. However, KHM did find a series of graphs showing total petroleum hydrocarbons as gasoline (TPH-g) and benzene concentrations in SVE wells during the period of September 1994 through August 1995 (Attachment

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- A). The graphs clearly show the effectiveness of the SVE system in removing petroleum hydrocarbons from the vadose zone soil.
- The effectiveness of the SVE system was confirmed by analysis of soil samples collected from the vadose zone in June 2001, (KHM, August 15, 2001). TPH-g was detected in only two of the eleven soil samples analyzed. TPH-g was detected in the two samples at 11 milligrams per kilogram (mg/kg) and 14 mg/kg. These concentrations are well below the California Regional Water Quality Control Board, San Francisco Bay Region risk-based screening level of 100 mg/kg.
 - The dissolved petroleum hydrocarbon groundwater plume is small (0.1 acres) and stable in size and shape. The fourth quarter 2001 groundwater monitoring report is attached.
 - Methyl tert-butyl ether (MTBE) was not detected by EPA Method 8260 in any groundwater samples from the most recent sampling event. The one time detection of MTBE by EPA Method 8260 in Well MW-8 (June 28, 2001) is considered to be anomalous.
 - No registered water supply wells were identified within ½-mile of the site.
 - Current conditions do not pose a threat to human health or the environment based on a risk-based corrective action (RBCA) analysis performed by KHM in August 2001.

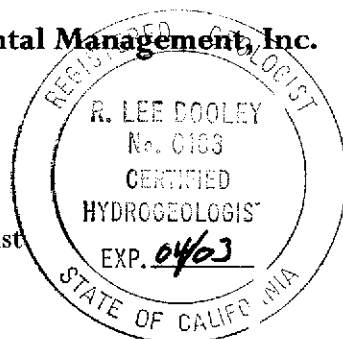
KHM, on behalf of Equiva, requests that case closure be granted for the former Texaco service station located at 930 Springtown Boulevard, Livermore, California. Per your request, a copy of your November 28, 2001 letter has sent to the current owner of the property – 7-Eleven, Inc., 2711 North Haskell Avenue, Dallas, Texas 75204-2906.

Please call me if I can be of assistance during your review of site information.

Sincerely,

KHM Environmental Management, Inc.


R. Lee Dooley
Senior Hydrogeologist
CHG 0183



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REFERENCE

KHM Environmental Management, Inc., *Vadose Zone Investigation and Risk-Based Corrective Action (RBCA) Analysis, Former Texaco Service Station, 930 Springtown Boulevard, Livermore, California, August 15, 2001.*

Attachments:

Attachment A – SVE Graphs and Well Location Map

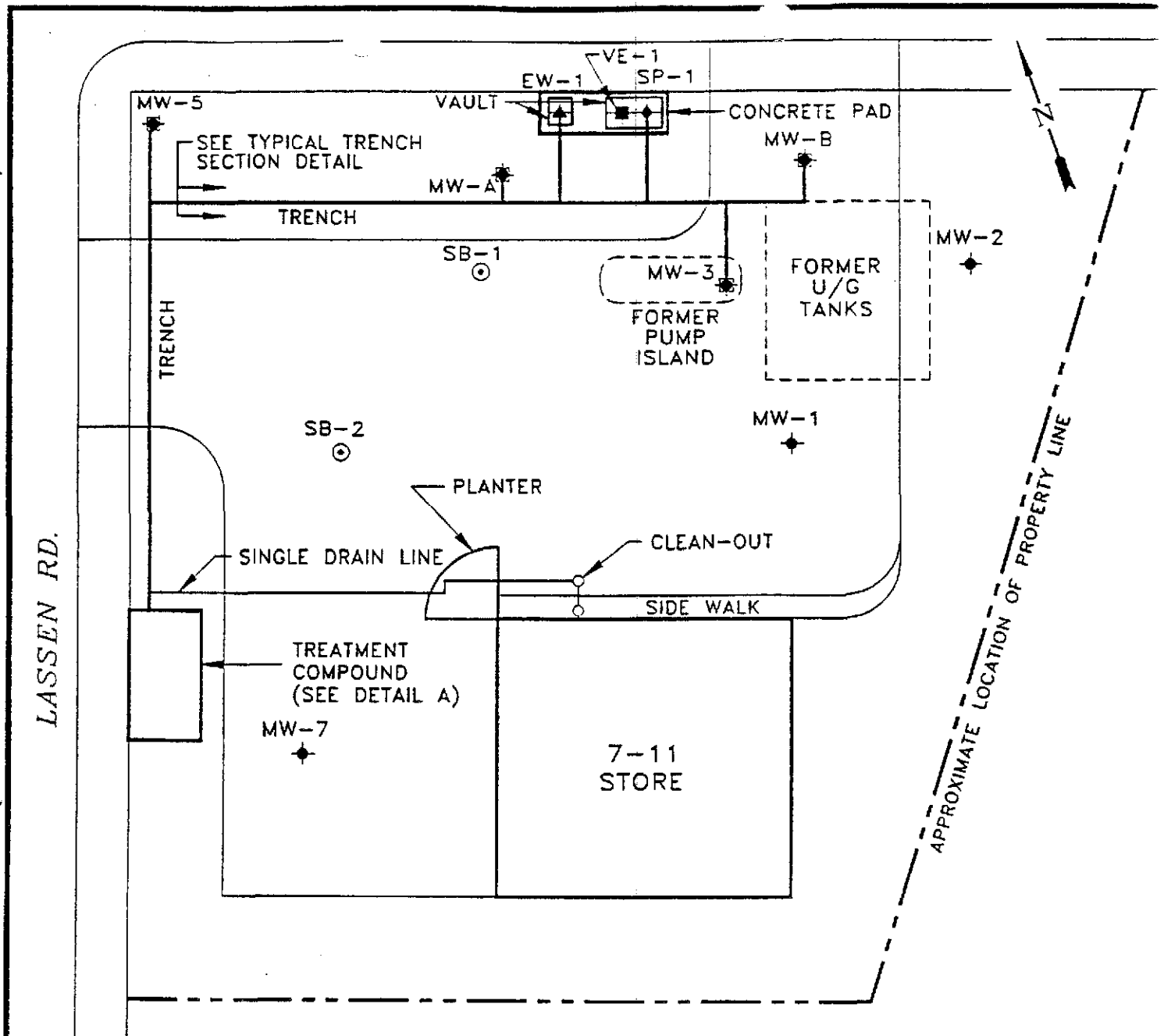
Attachment B – Semiannual Monitoring Report – Fourth Quarter 2001

CC.

Ms. Karen Petryna, P.E., Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869
7-Eleven, Inc., 2711 North Haskell Avenue, Dallas, TX 75204-2906 Attn: Environ. Manager
7-Eleven, Inc., 2711 North Haskell Avenue, Dallas, TX 75204-2906 Attn: General Counsel
Mr. Bob DeNinno, 7-Eleven, Inc., 10220 S.W. Greenburg Road Suite 470, Portland, OR 97223

ATTACHMENT A

SVE AND WELL LOCATION MAP



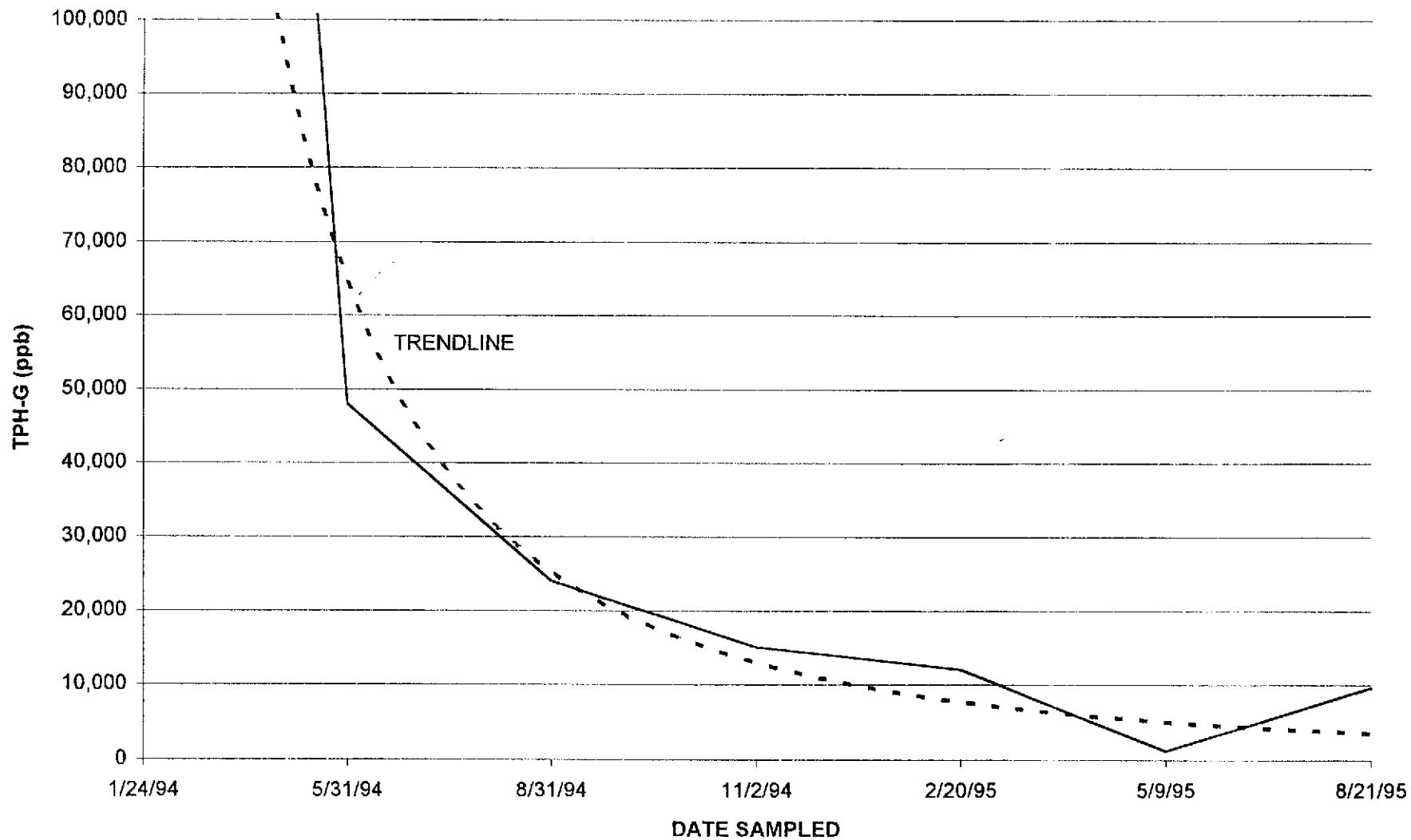
LEGEND

- ◆ GROUNDWATER MONITORING WELL
- ◆ GROUNDWATER MONITORING WELL CONVERTED TO A VAPOR EXTRACTION WELL
- ▲ RECOVERY WELL
- VAPOR EXTRACTION WELL
- ◆ SPARGE POINT
- ⊙ SOIL BORING

			SITE MAP		
	CLIENT: TEXACO REFINING AND MARKETING INC.	FILE: 1383SM (1:50)	PROJECT NO.:	PM 	PE/RG
LOCATION: 930 SPRINGTOWN BLVD. LIVERMORE, CALIFORNIA	REV.	DES. DL	DET. JC	DATE: 2/21/95	FIGURE: 1

MAXIMUM VALUE
1,400,000 ppb on 1/24/94

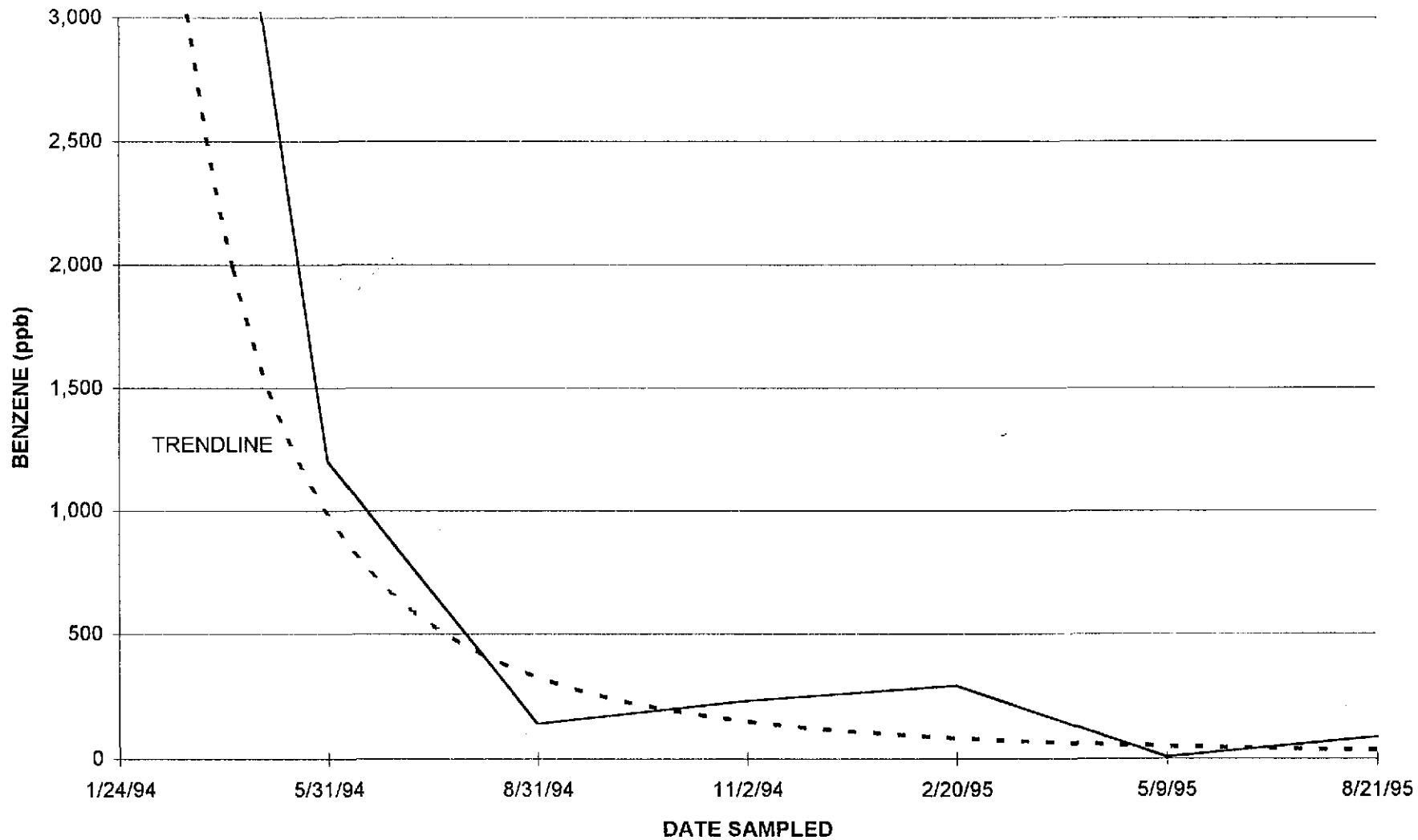
MW-A



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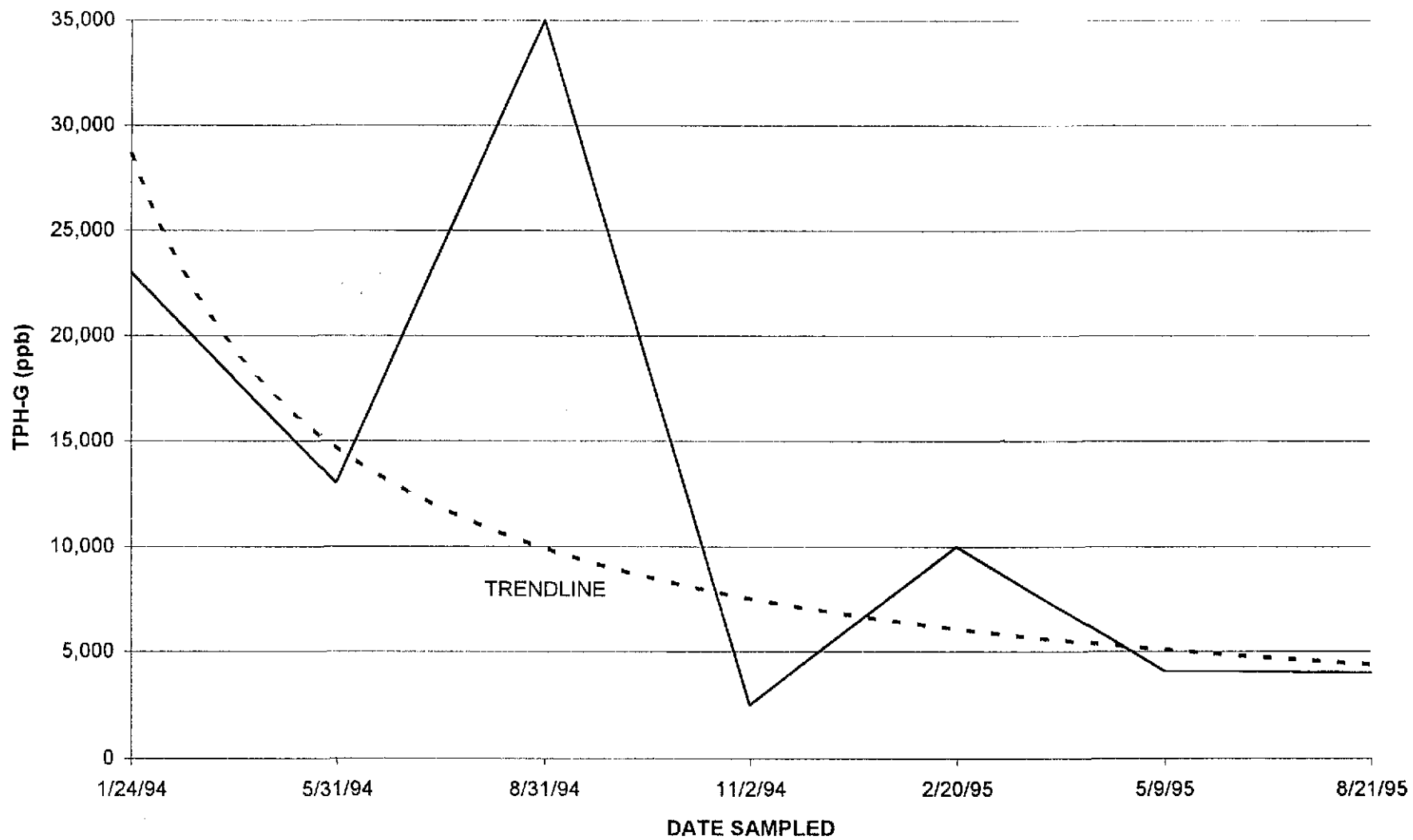
MAXIMUM VALUE
6,900 ppb on 1/24/94

MW-A



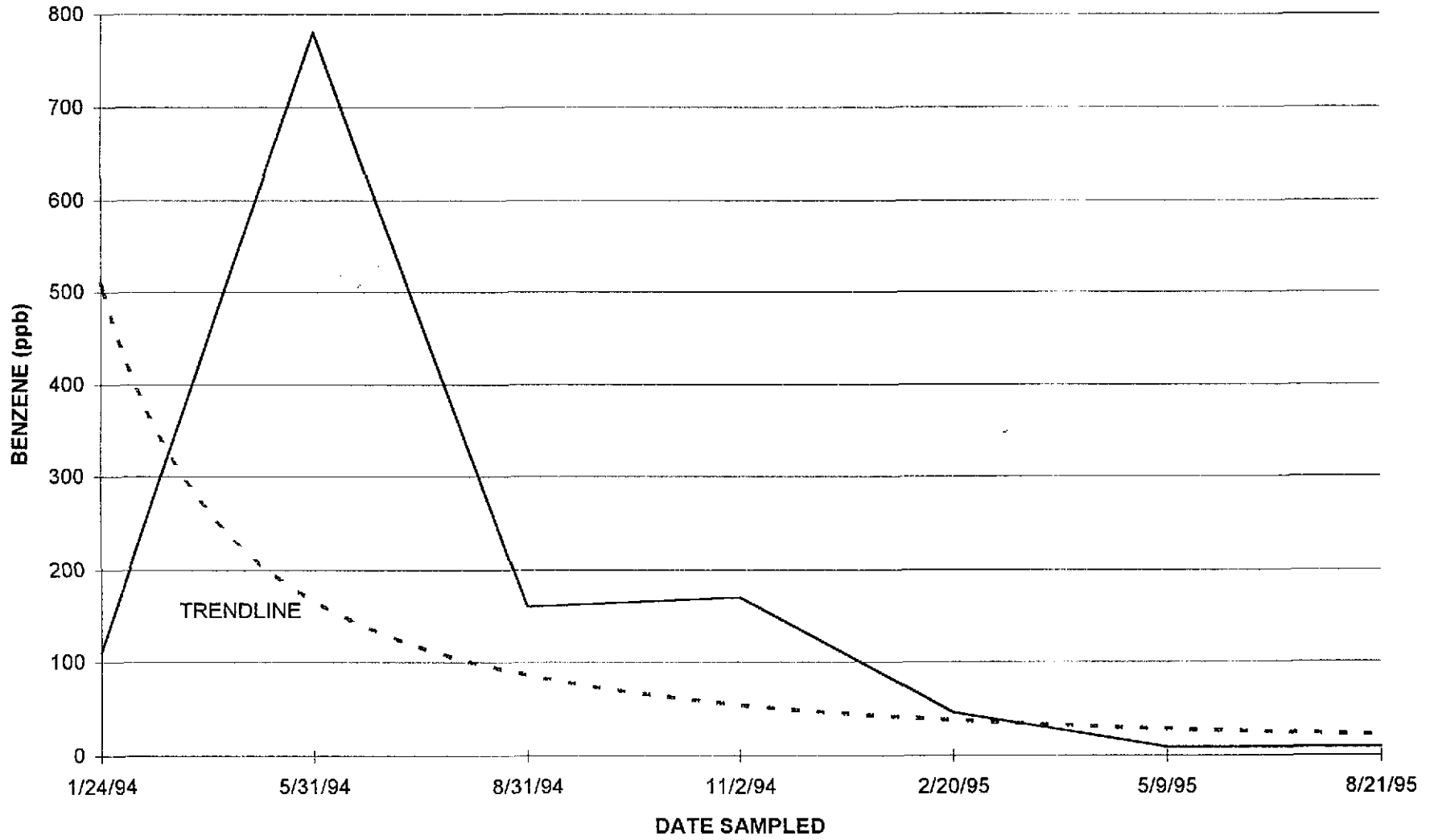
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MW-B



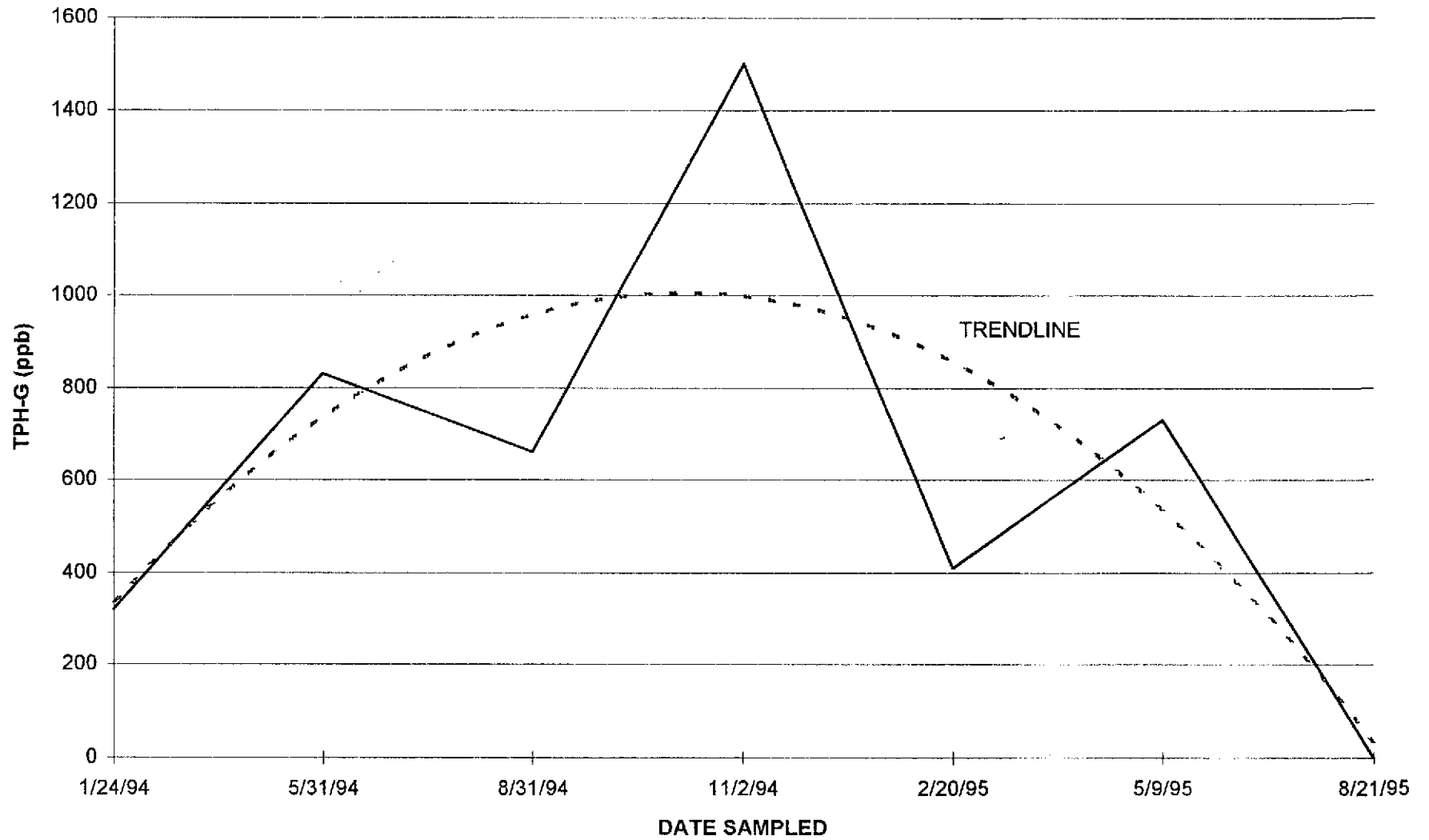
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MW-B



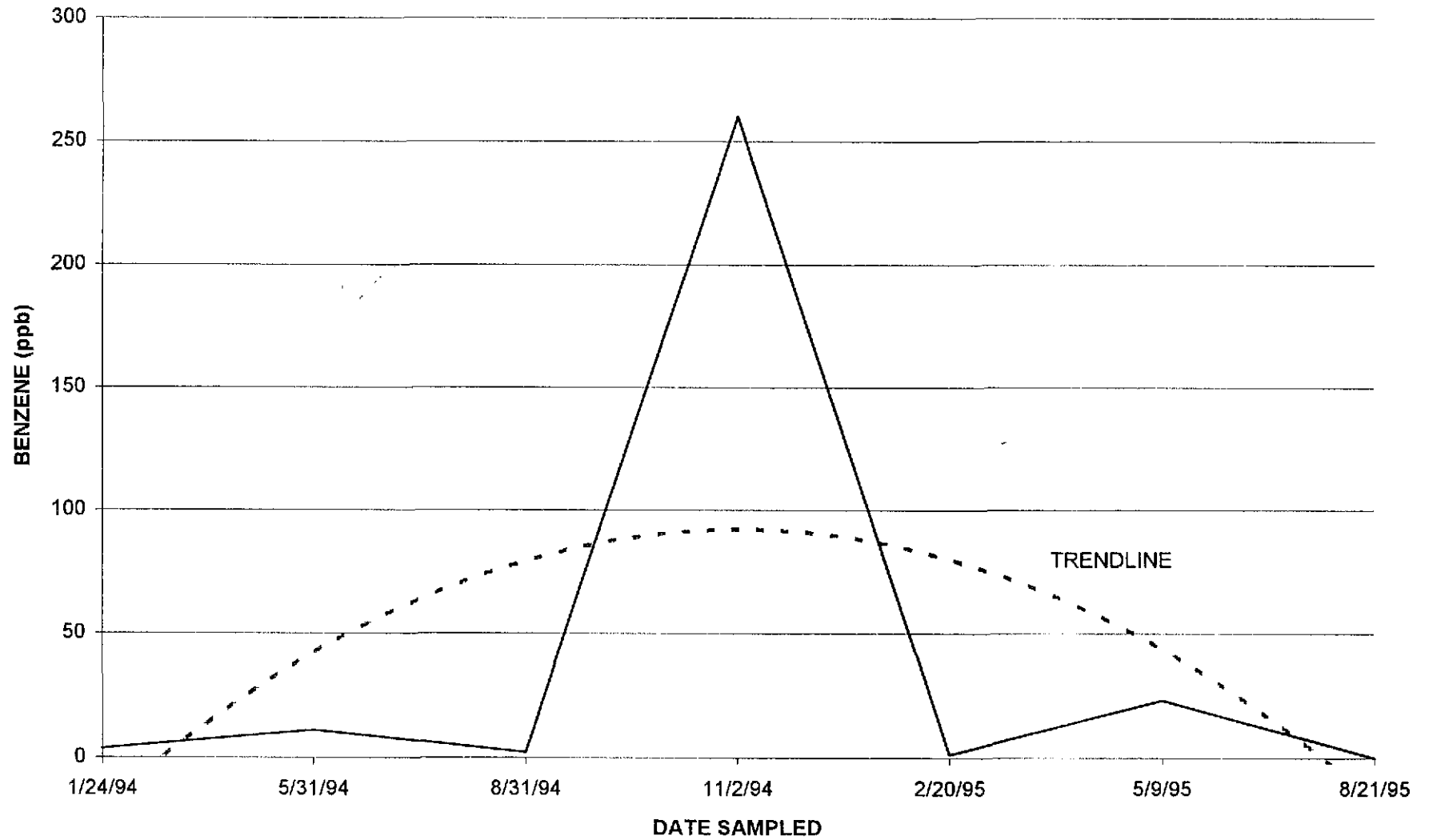
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MW-3



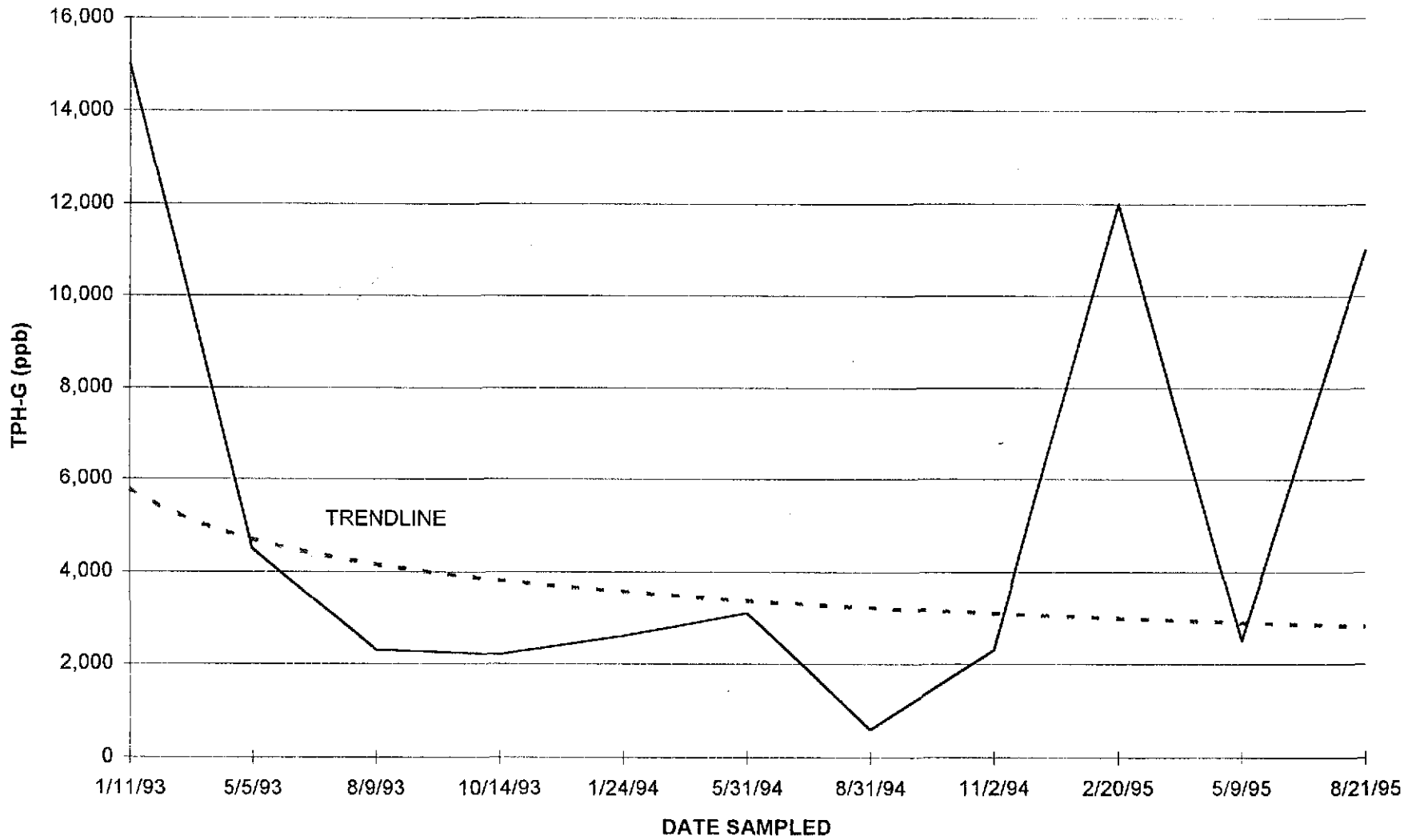
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MW-3



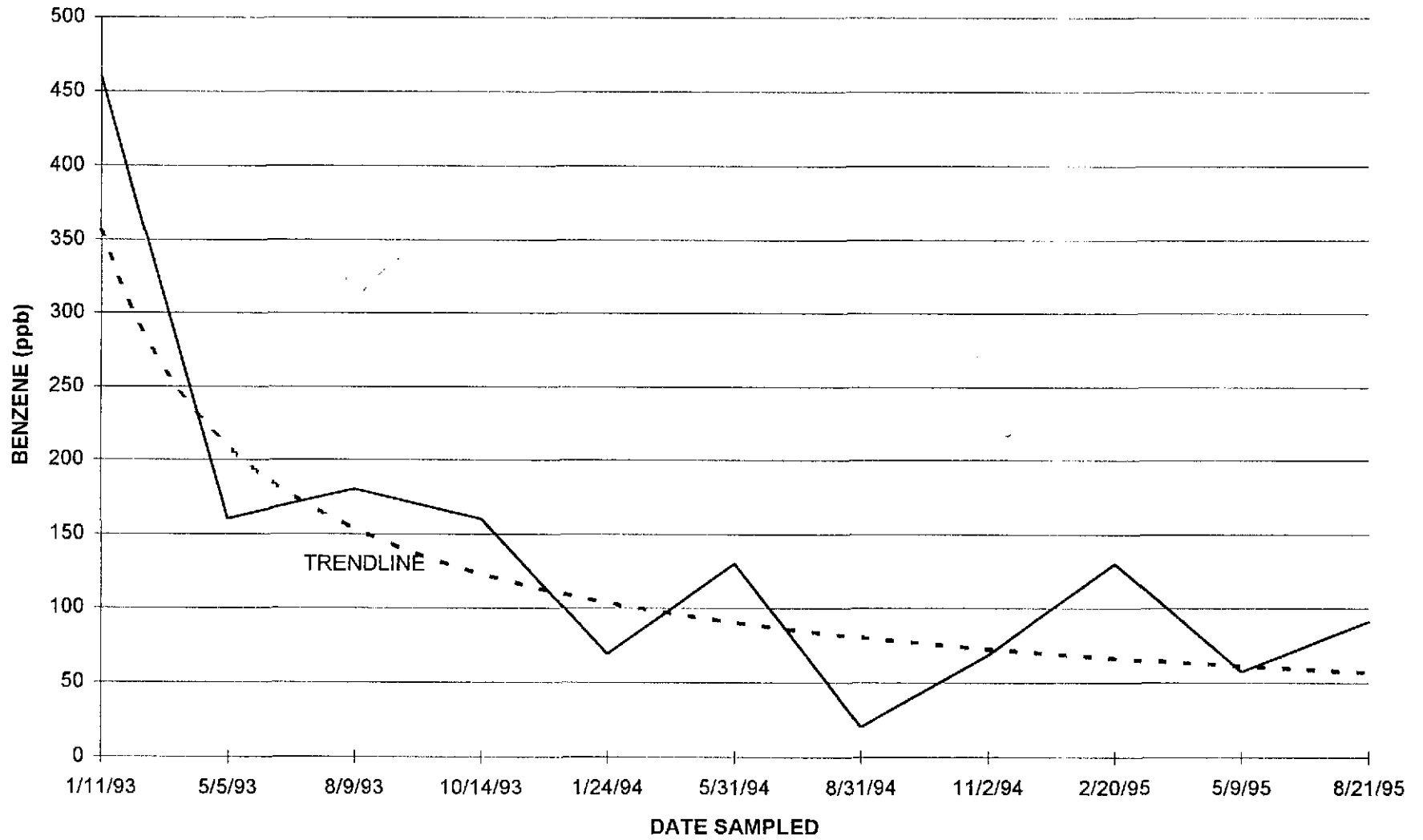
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MW-5



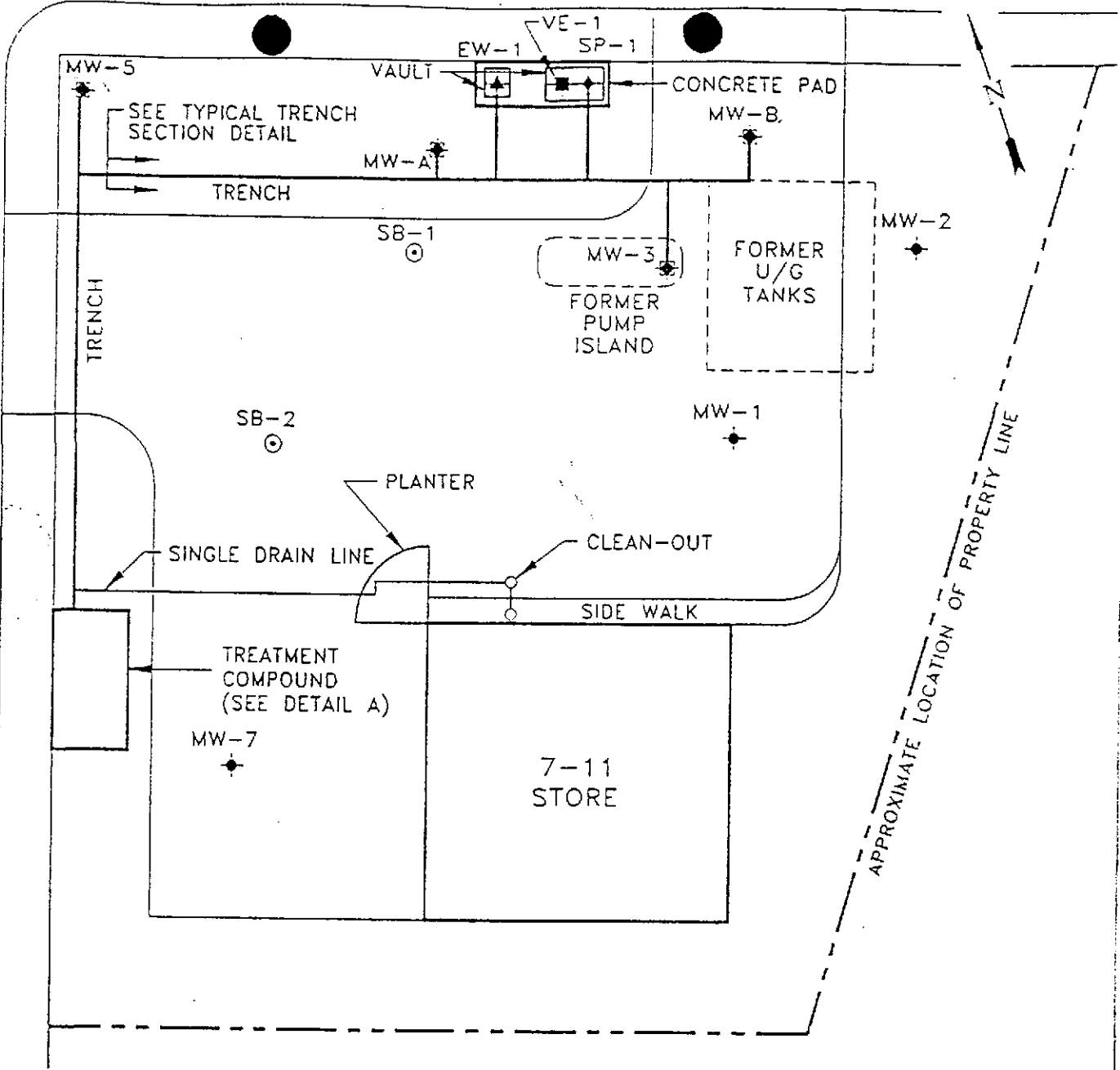
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MW-5



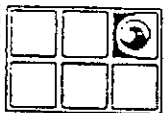
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LASSEN RD.



LEGEND

- ◆ GROUNDWATER MONITORING WELL
- ◆ GROUNDWATER MONITORING WELL CONVERTED TO A VAPOR EXTRACTION WELL
- ◆ RECOVERY WELL
- ◆ VAPOR EXTRACTION WELL
- ◆ SPARGE POINT
- ⊙ SOIL BORING



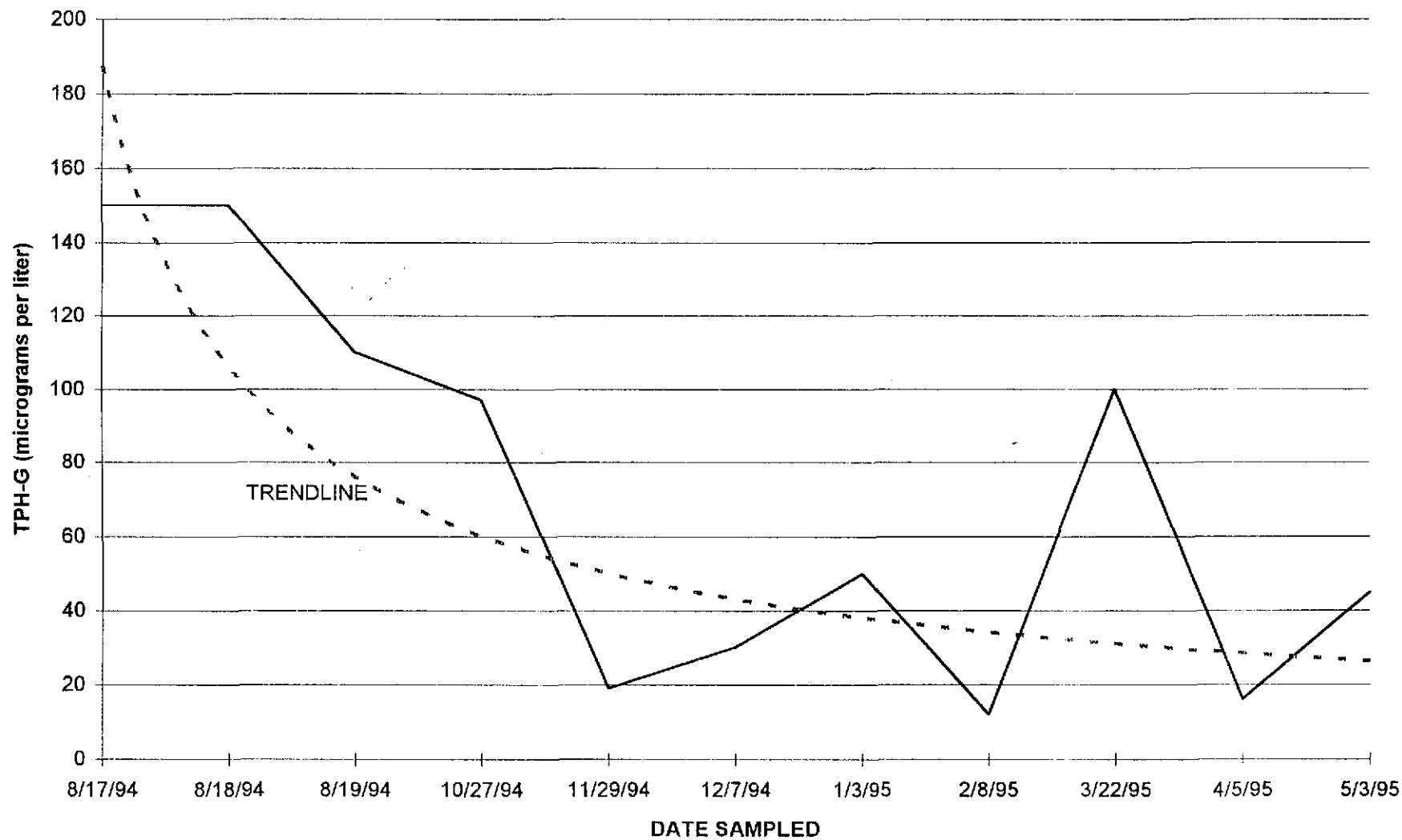
GROUNDWATER TECHNOLOGY



SITE MAP 000064469

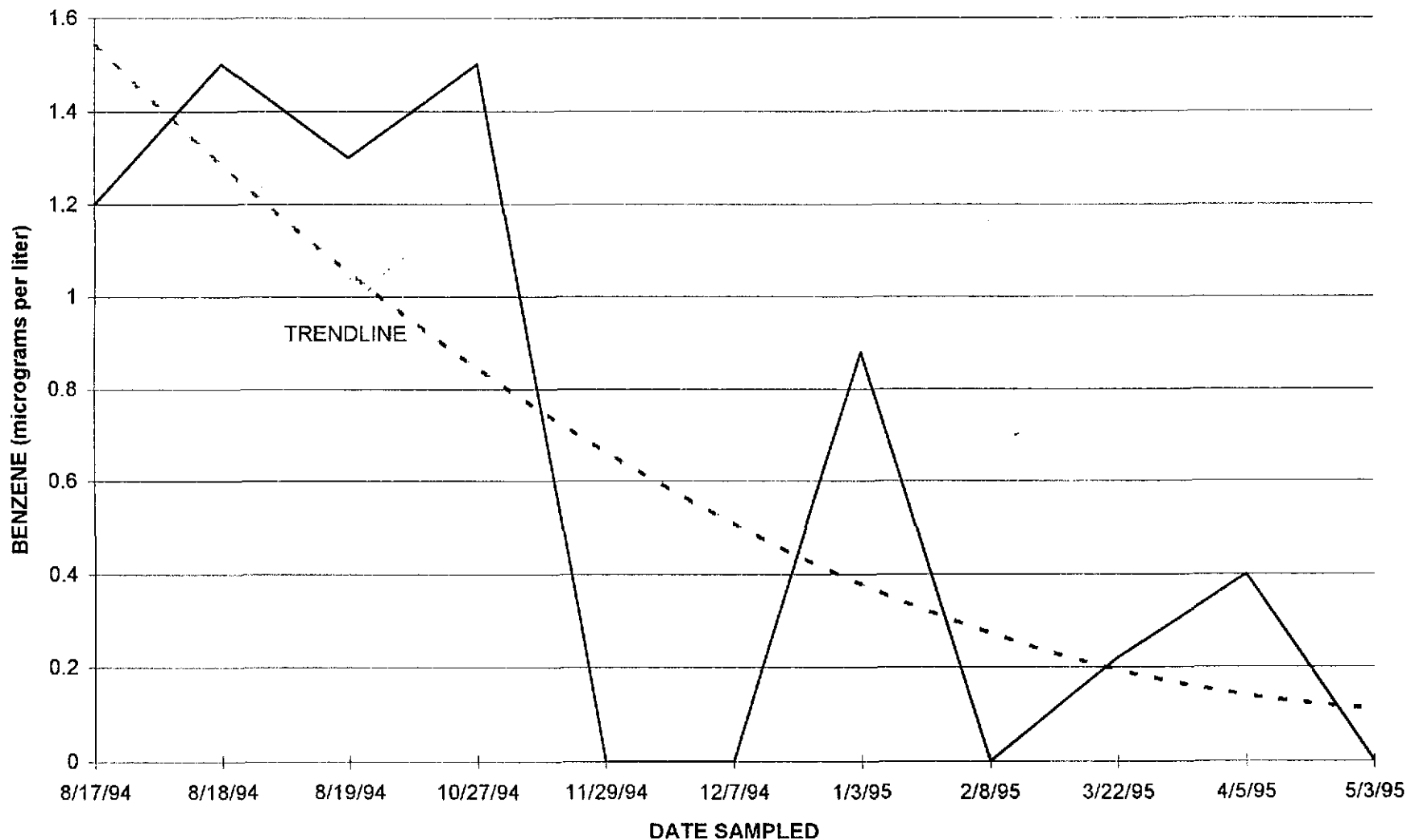
CLIENT: TEXACO REFINING AND MARKETING INC.	FILE: 1383SM (1:50)	PROJECT NO.:	PM <i>PC</i>	PE/RG <i>JCS</i>
	REV.	FIGURE: 1		
LOCATION: 930 SPRINGTOWN BLVD. LIVERMORE, CALIFORNIA	DES. DL	DET. JC	DATE: 2/21/95	

INFLUENT SAMPLE



000064471

INFLUENT SAMPLE



000064472

ATTACHMENT B

SEMIANNUAL MONITORING REPORT – FOURTH QUARTER 2001