



FACSIMILE MESSAGE

CHEVRON U.S.A. PRODUCTS COMPANY
Northwest Region
Marketing Department SR-2410 Camino Ramon

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Reply by Facsimile: (510) 842-8252

Date: 8/18/94

To: JULIET SWIN / AGHCS Fax Number: (510) 337-9335
MICHAEL MENIKIAS / MENIKIAS & ASSOC. (510)

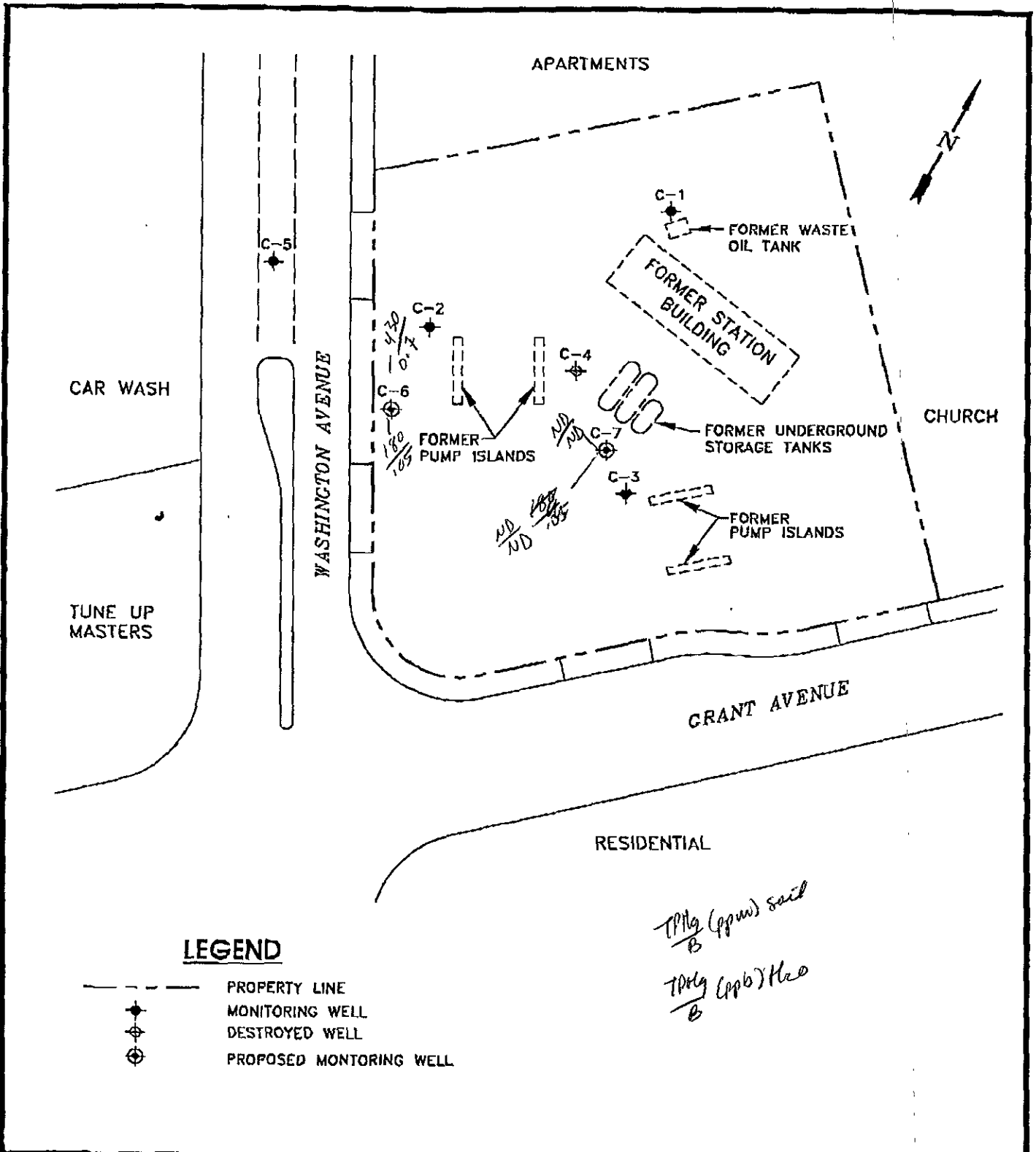
From: Mark A. Miller Phone No.: (510) 842-8134

Site Assessment and Remediation Engineer

Subject: 9-5630: SAN LORENZO
C-6 & C-7 LAB DATA

Comments: _____
_____ LOW DETECTABLE CONCENTRATIONS IN SOIL
_____ AND GROUND WATER. TPH-G & BTEX
_____ IS BELOW MCL'S IN GROUND WATER.
_____ FINAL REPORT WILL BE FORWARDED THE
_____ WEEK OF 8/29.

NUMBER OF PAGES INCLUDING COVER SHEET 6



LEGEND

- PROPERTY LINE
- ◆ MONITORING WELL
- ⊕ DESTROYED WELL
- ⊙ PROPOSED MONITORING WELL

TPM₀ (ppm) soil
TPM₀ (ppb) H₂O

		0 FEET 60 SCALE		PROPOSED MONITORING WELL LOCATION MAP			
CLIENT: CHEVRON U.S.A. PRODUCTS CO. SERVICE STATION NO. 9-5630		FILE: 0019-PMW		PROJECT NO.: 020200019		PM	PE/RG <i>MB</i>
LOCATION: 997 GRANT AVENUE SAN LORENZO, CALIFORNIA		REV.		DES. MC		DET. ML/JC	
				DATE: 6/9/94		FIGURE: 2	



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SOIL

GROUNDWATER TECHNOLOGY, INC.
 Accn: MIKE CHAMBERTAIN

Project 9-5630
 Reported 08/08/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
30688- 1	C-6-5	07/22/94	07/30/94 Soil
30688- 2	C-6-10	07/22/94	07/30/94 Soil
30688- 3	SP-C-6	07/22/94	07/30/94 Soil
30688- 4	C-7-5	07/22/94	07/30/94 Soil
30688- 5	C-7-10	07/22/94	07/30/94 Soil
30688- 6	COMP SP-C-6 & SP-C-7	07/22/94	07/30/94 Soil

RESULTS OF ANALYSIS

Laboratory Number: 30688- 1 30688- 2 30688- 3 30688- 4 30688- 5

	30688- 1	30688- 2	30688- 3	30688- 4	30688- 5
Gasoline:	ND<1	180	ND<1	ND<1	ND<1
Benzene:	0.012	0.05	ND<.005	ND<.005	ND<.005
Toluene:	ND<.005	1.9	ND<.005	ND<0.05*	ND<0.05*
Ethyl Benzene:	ND<.005	0.84	ND<.005	ND<.005	ND<.005
Total Xylenes:	0.015	0.92	ND<.005	ND<.005	0.014
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

Laboratory Number: 30688- 6

Gasoline:	ND<1
Benzene:	ND<.005
Toluene:	ND<.005
Ethyl Benzene:	ND<.005
Total Xylenes:	ND<.005
Concentration:	mg/kg

* Detection limit of Toluene raised due to matrix interference.



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CERTIFICATE OF ANALYSIS

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
QA/QC INFORMATION
SET: 30688

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 9520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 1mg/kg

EPA SW-846 Method 8015/8020 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXM
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MED RECOVERY	RPD	CONTROL LIMIT
Gasoline:	95/101	6%	70-130
Benzene:	92/96	4%	70-130
Toluene:	103/106	3%	70-130
Ethyl Benzene:	100/106	2%	70-130
Total Xylenes:	109/108	1%	70-130

Michael R. Thomas
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Certified Laboratories

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GROUNDWATER TECHNOLOGY, INC.
ALLEN: MIKE CHAMBERLAIN

Project 19-5630
Reported 08/17/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
30712- 1	C-6	08/17/94	08/17/94 Water
30712- 2	C 7	08/17/94	08/17/94 Water

RESULTS OF ANALYSIS

Laboratory Number: 30712- 1 30712- 2

Gasoline:	430	ND<50
Benzene:	0.7	ND<0.5
Toluene:	2.7	ND<0.5
Ethyl Benzene:	ND<0.5	ND<0.5
Total Xylenes:	28	ND<0.5

Concentration: ug/L ug/L

WATER

TPH-G	430	ND
B	0.7	ND
T	2.7	ND
E	ND	ND
X	28	ND



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CERTIFICATE OF ANALYSIS

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
QA/QC INFORMATION
SET: 30712

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS by Standard Methods Method 8520F:
Minimum Detection Limit in Water: 500ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTEX
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	MC/MSD RECOVERY	RFD	CONTROL LIMIT
Gasoline:	108/113	5%	70-130
Benzene:	101/100	1%	70-130
Toluene:	105/104	1%	70-130
Ethyl Benzene:	100/100	0%	70-130
Total Xylenes:	100/101	1%	70-130

Abdul Salim
Senior Chemist

CERTIFIED LABORATORIES