

8/9/99

Rec'd from R. Glenn of Tebra Tech

• Recommended to institute qtrly monitoring

**DRAFT**

**TABLE 1  
DETECTED VOC AND TPH COMPOUNDS IN GROUNDWATER  
FROM MONITORING WELLS AND SOIL BORINGS, 1999  
744 EAST 12TH STREET**

Analyte	Monitoring Well			Soil Boring	
	MW-1	MW-2	MW-3	SB-1	SB-2
<b>VOC (<math>\mu\text{g/L}</math>)</b>					
Benzene	ND	ND	14	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	0.63
m,p-Xylenes	ND	ND	ND	ND	2.2
o-Xylene	ND	ND	ND	ND	0.74
MTBE	3	3.4	250	ND	33
<b>TPH (<math>\mu\text{g/L}</math>)</b>					
Gasoline	ND	ND	ND	ND	ND

Notes:

Groundwater samples are preliminary and have not been validated at this time, and may change after validation.

$\mu\text{g/L}$  micrograms per Liter

ND Not Detected

TPH Total Petroleum Hydrocarbons

VOC Volatile Organic Compound

**DRAFT**

**TABLE 2**  
**VOC AND TPH COMPOUNDS IN SOIL**  
**FROM MONITORING WELLS AND SOIL BORINGS, 1999**  
**744 EAST 12TH STREET**

Analyte	Location and Depth				
	MW-1 12.5-13 ft bgs	MW-2 10.5-11 ft bgs	MW-3 10.5-11 ft bgs	SB-1 10.5-11 ft bgs	SB-2 9.5-10 ft bgs
<b>VOC (<math>\mu\text{g}/\text{Kg}</math>)</b>					
Benzene	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND
m,p-Xylenes	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND
MTBE	ND	ND	950	ND	32
<b>TPH (mg/Kg)</b>					
Gasoline	ND	ND	ND	ND	ND

**Notes:**

Soil samples are preliminary and have not been validated at this time, and may change after validation.

bgs below ground surface

ft feet

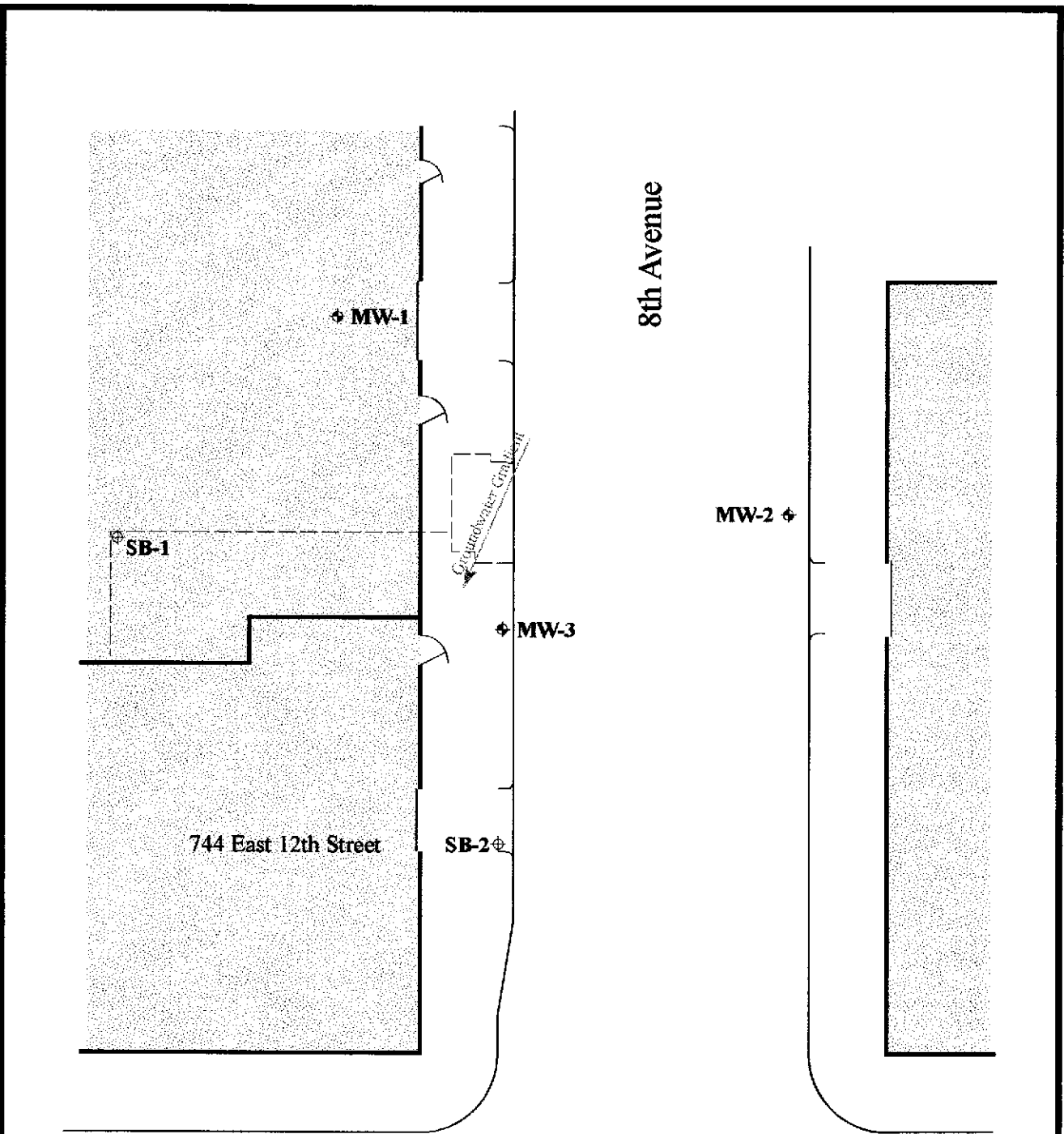
$\mu\text{g}/\text{Kg}$  micrograms per Kilogram

mg/Kg milligrams per Kilogram

ND Not Detected

TPH Total Petroleum Hydrocarbons

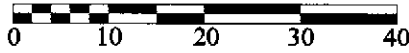
VOC Volatile Organic Compound



Notes:

- ◆ Monitoring Well (MW)
- ⊕ Soil Boring (SB)

Scale: 1 inch = 20 feet



**FIGURE 2**  
**Groundwater Gradient**  
**J. W. SILVEIRA CO.**  
**744 EAST 12th STREET**  
**OAKLAND, CALIFORNIA**  
**TETRA TECH EM INC.**