2301 E. 12th Street Data
Jan. '97

MW-1					MW-1			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	360	1800	600		Jul-92	5.1	13	18
Nov-92	670	8000	2400		Nov-92	6.1	41	ND (<0.5)
Mar-93	110	5600	3800		Mar-93	ND (<0.5)	120	ND (<0.5)
May-93	1700	4800	3400		May-93	44	140	150
Aug-93	1200	8400	2300		Aug-93	35	180	57
Dec-93	ND (<50)	7800	29		Dec-93	16	5.8	26
Mar-94	2600	10000	2400		Mar-94	84	310	280
Jun-94	1500	9000	2300		Jun-94	44	260	170
Oct-94	2000	10000	2100		Oct-94	35	250	140
Feb-95	2500	16000	3200		Feb-95	110	460	260
Jun-95	3500	18000	2600		Jun-95	87	450	220
Oct-95	2700	13000	2200		Oct-95	63	220	110
Feb-96	16000	11000	1400		Feb-95	25	130	81
Jun-96	8000	12000	2500		Jun-96	72	190	130
Sep-96	3100	7000	1200		Sep-96	29	86	55
Jan-97	11,000	14,000	1,500		Jan-97	47	190	130

MW-2					MW-2			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	1500	20000	110		Jul-92	6	37	39
Nov-92	17000	19000	2800		Nov-92	120	790	1100
Mar-93	37000	14000	3800		Mar-93	110	950	1100
May-93	6000	11000	5200		May-93	140	1000	990
Aug-93	5400	16000	1700		Aug-93	120	640	710
Dec-93	720	18000	87		Dec-93	79	42	400
Mar-94	6100	17000	2100		Mar-94	100	630	750
Jun-94	3000	15000	2000		Jun-94	72	550	520
Oct-94	5300	15000	1500		Oct-94	81	410	520
Feb-95	4900	18000	2000		Feb-95	120	660	900
Jun-95	6600	30000	1300		Jun-95	85	510	520
Oct-95	31000	19000	1500		Oct-95	92	400	330
Feb-96	11000	25000	1700		Feb-96	93	50	440
Jun-96	5500	13000	1400		Jun-96	75	460	410
Sep-96	13000	15000	1600		Sep-96	66	480	460
Jan-97	30,000	20,000	1,800		Jan-97	150	670	780

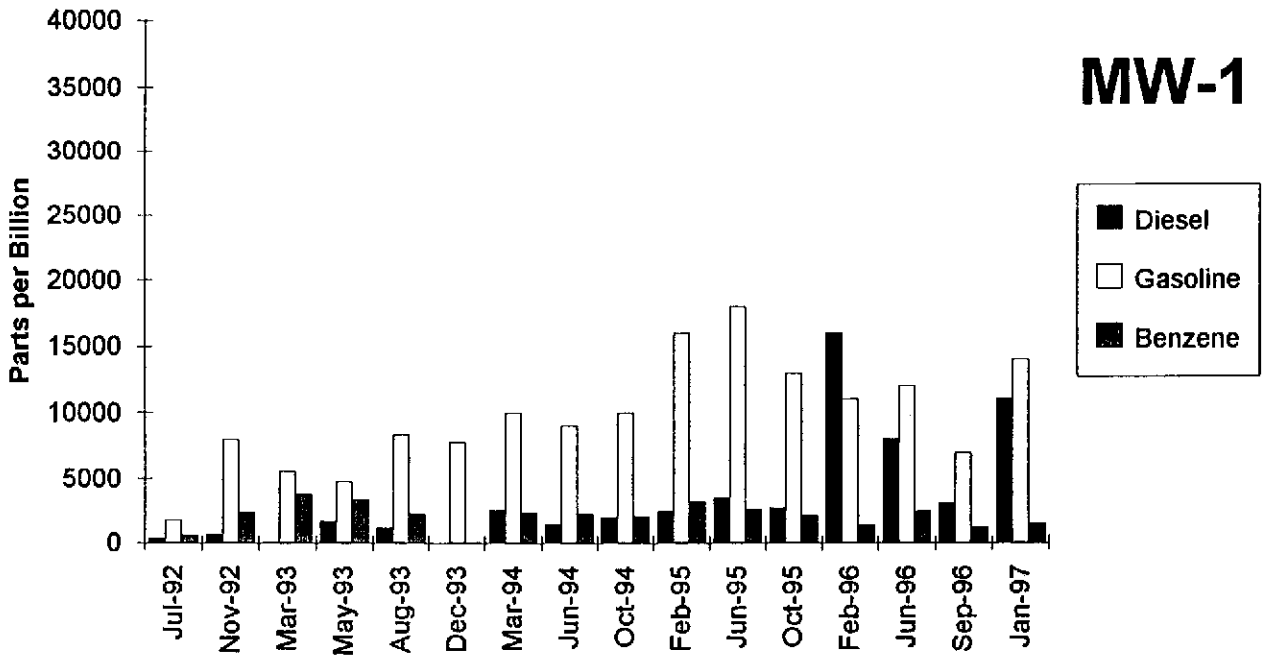
MW-3					MW-3			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	4000	8800	150		Jul-92	8.6	88	13
Nov-92	21000	10000	78		Nov-92	3.1	830	13
Mar-93	9300	3900	120		Mar-93	ND (<0.5)	240	37
May-93	4400	7400	570		May-93	4.1	640	8.4
Aug-93	8200	7100	180		Aug-93	15	110	9.4
Dec-93	230	7900	30		Dec-93	14	12	62
Mar-94	4300	5700	180		Mar-94	10	100	24
Jun-94	1500	8400	230		Jun-94	13	93	7.6
Oct-94	2700	6300	140		Oct-94	8.7	68	25
Feb-95	1600	7500	220		Feb-95	17	110	22
Jun-95	13000	11000	310		Jun-95	23	160	63
Oct-95	1900	4700	120		Oct-95	6.7	32	16
Feb-96	9400	8100	62		Feb-96	13	50	33
Jun-96	5000	30000	110		Jun-96	65	130	160
Sep-96	15000	10000	68		Sep-96	20	61	42
Jan-97	57,000	9,700	64		Jan-97	19	38	60

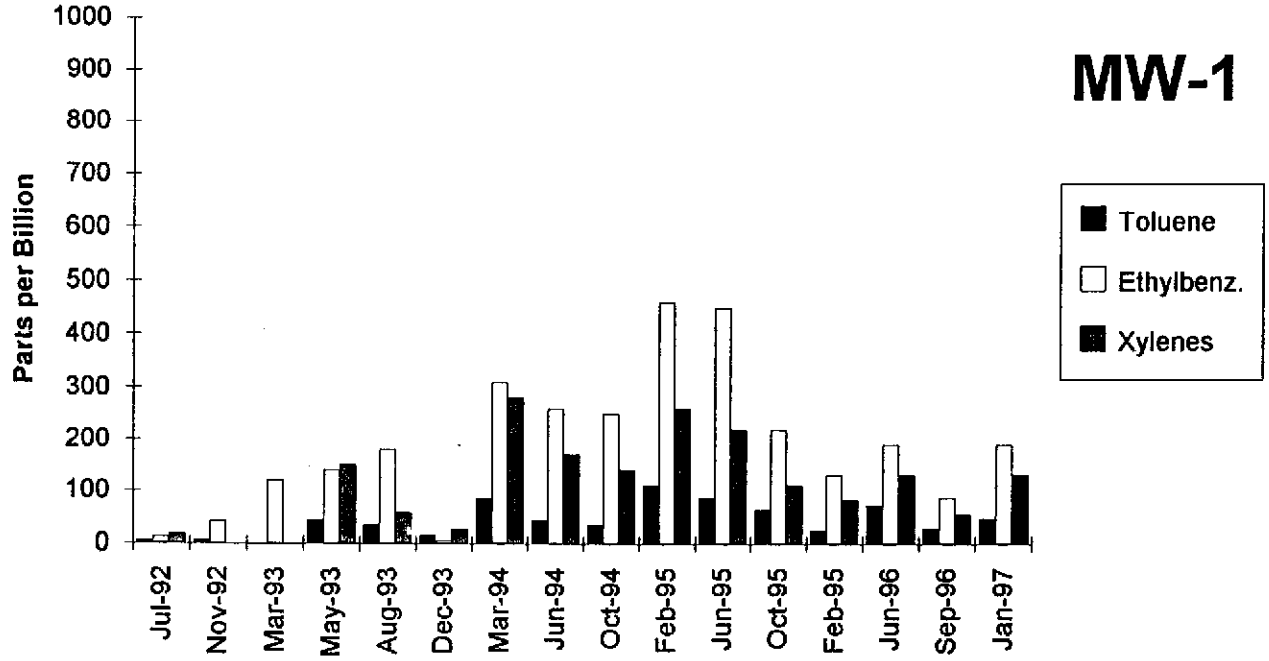
MW-4					MW-4			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	1800	2200	19		Mar-94	1.2	2.9	1.2
Jun-94	420	2300	2.9		Jun-94	1.6	2.8	4.6
Oct-94	900	3500	3.8		Oct-94	2	5.2	24
Feb-95	630	2600	100		Feb-95	100	3.8	7.1
Jun-95	1100	3000	31		Jun-95	3.4	6.1	12
Oct-95	1100	2000	43		Oct-95	2.3	8.4	6.9
Feb-96	940	3400	ND (<0.5)		Feb-96	ND (<0.5)	ND (<0.5)	ND (<0.5)
Jun-96	1100	1900	12		Jun-96	5.7	3.4	9.6
Sep-96	2500	3100	ND (<0.5)		Sep-96	15	78	12
Jan-97	13,000	4,000	ND (<0.5)		Jan-97	7	3	15

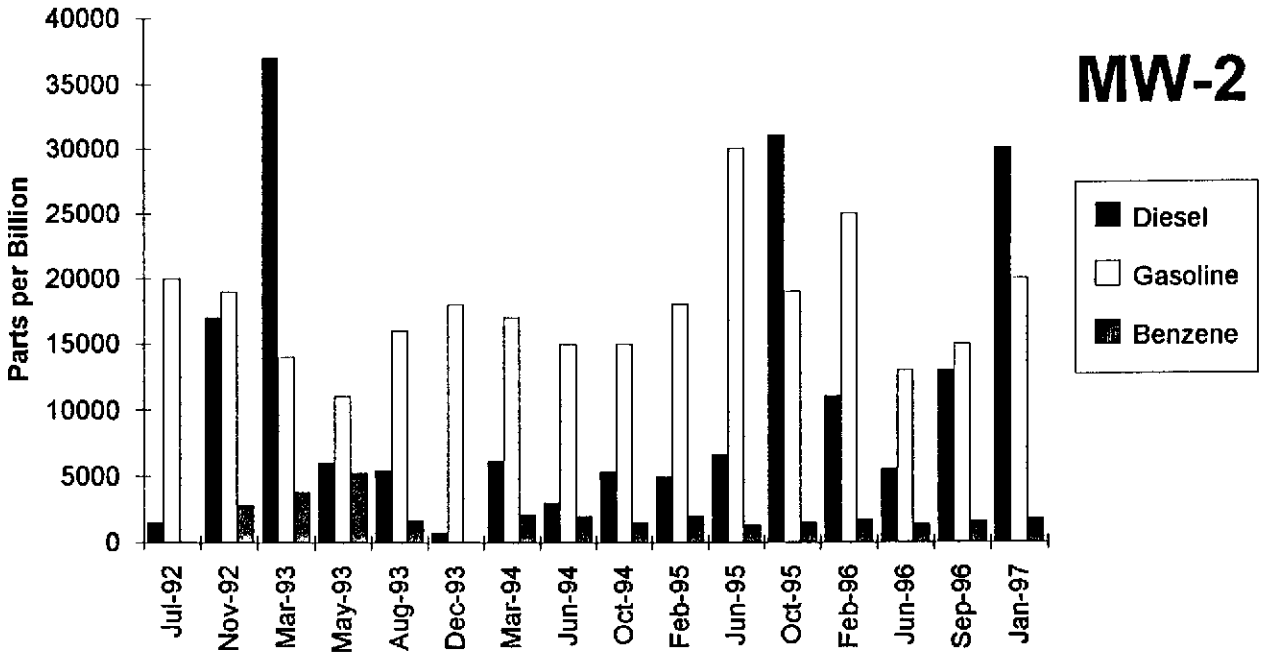
MW-5					MW-5			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	870	2900	71		Mar-94	ND (<0.5)	27	15
Jun-94	950	6100	220		Jun-94	12	38	24
Oct-94	1100	4300	120		Oct-94	5.1	27	13
Feb-95	1200	4600	130		Feb-95	7.9	38	29
Jun-95	1000	6000	140		Jun-95	6.7	27	29
Oct-95	940	2000	43		Oct-95	2.3	8.4	6.9
Feb-96	2200	4400	61		Feb-96	5.3	34	ND (<0.5)
Jun-96	900	7400	94		Jun-96	11	32	40
Sep-96	1600	5200	140		Sep-96	7.5	18	21
Jan-97	2,500	4,500	64		Jan-97	8.7	23	26

MW-6					MW-6			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	1000	5000	1100		Mar-94	17	180	41
Jun-94	660	8000	1200		Jun-94	21	210	54
Oct-94	850	6300	870		Oct-94	14	140	49
Feb-95	1000	5500	1000		Feb-95	17	210	55
Jun-95	1400	**9100**	1300		Jun-95	24	**240**	79
Oct-95	770	3000	590		Oct-95	8.8	84	24
Feb-96	1500	3900	460		Feb-96	11	110	23
Jun-96	1300	4800	630		Jun-96	14	140	37
Sep-96	1300	4700	550		Sep-96	14	120	38
Jan-97	2,200	5,600	850		Jan-97	17	190	43

EW-1					EW-1			
MONTH	Diesel	Gasoline	Benzene		MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	920	1200	270		Mar-94	6.2	30	13
Jun-94	1200	4600	410		Jun-94	5.6	78	22
Oct-94	1200	4900	310		Oct-94	5.2	30	32
Feb-95	1000	3900	380		Feb-95	5.9	41	22
Jun-95	1800	**7800**	710		Jun-95	14	**260**	52
Oct-95	940	3200	310		Oct-95	3.3	32	16
Feb-96	2400	5000	270		Feb-96	7.5	50	20
Jun-96	1800	5700	450		Jun-96	11	75	19
Sep-96	1300	5300	300		Sep-96	15	67	29
Jan-97	2,100	5,800	480		Jan-97	8.6	100	30


MW-1
Parts per Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene


MW-1
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-95
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes


MW-2
Parts per Billion
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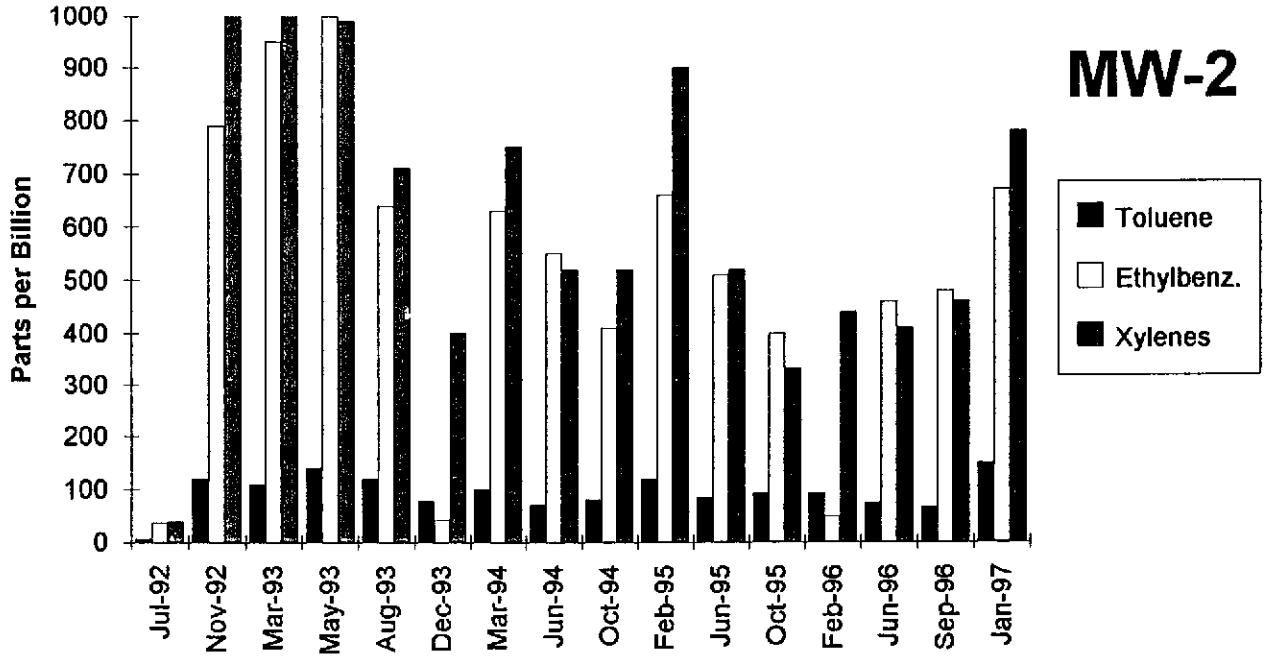
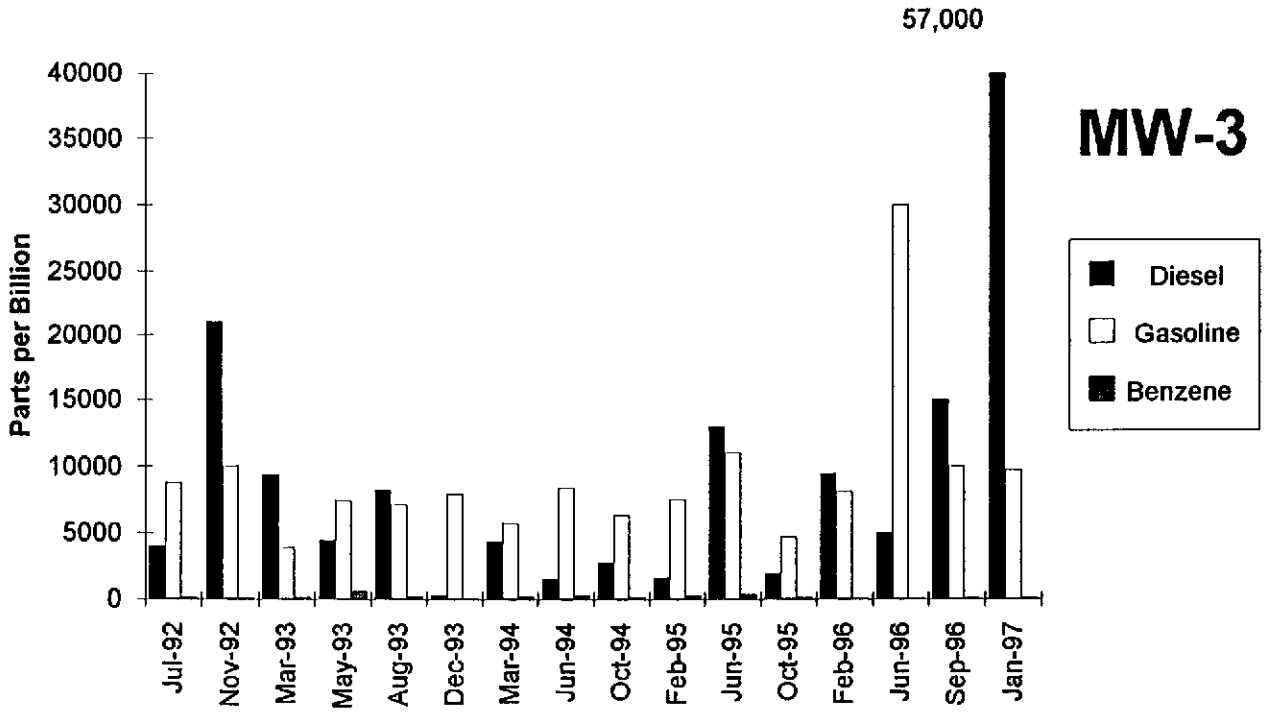
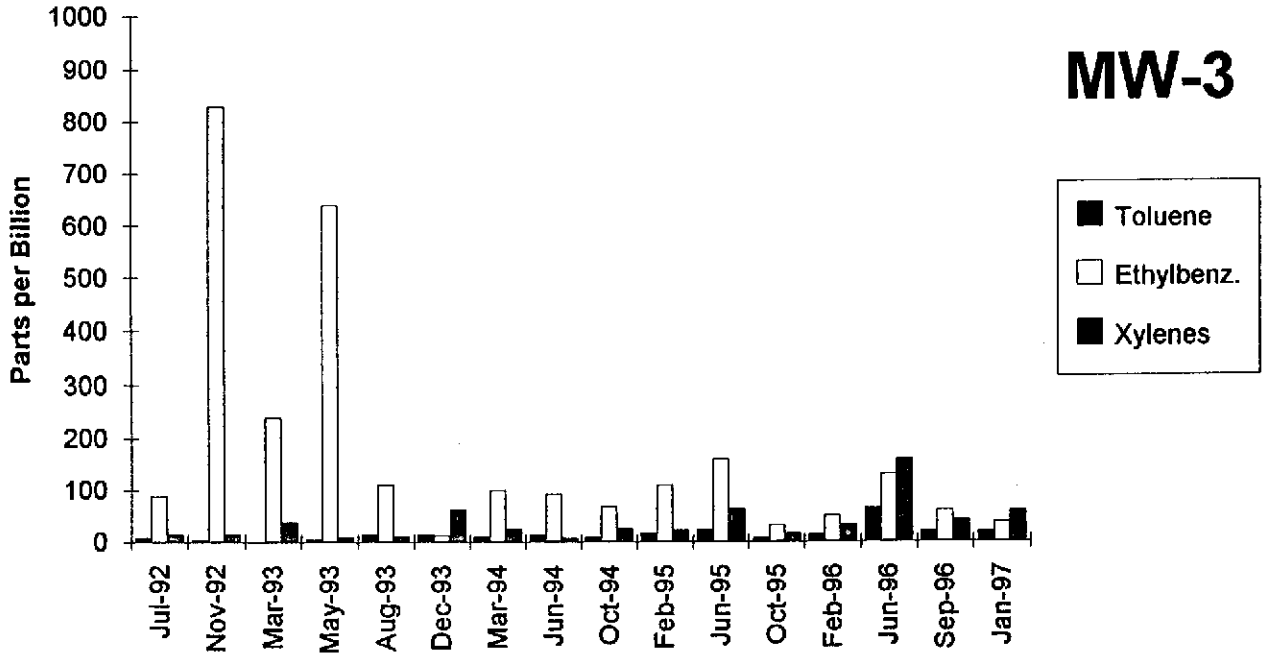
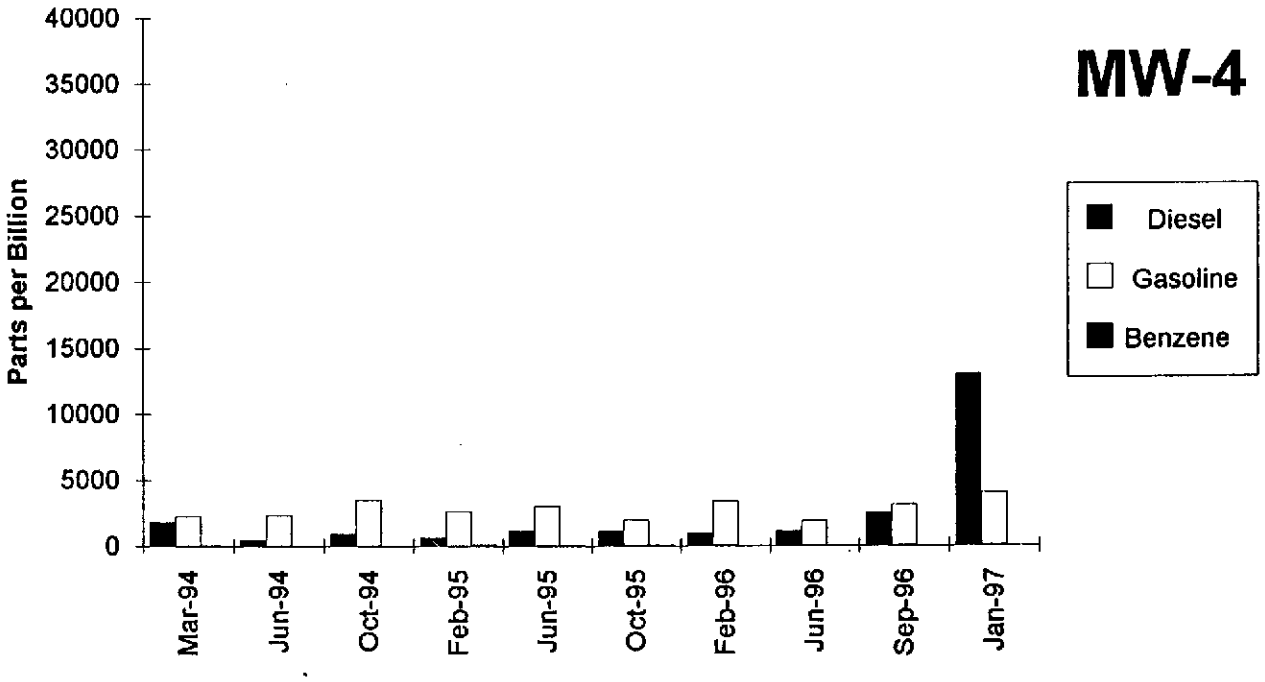
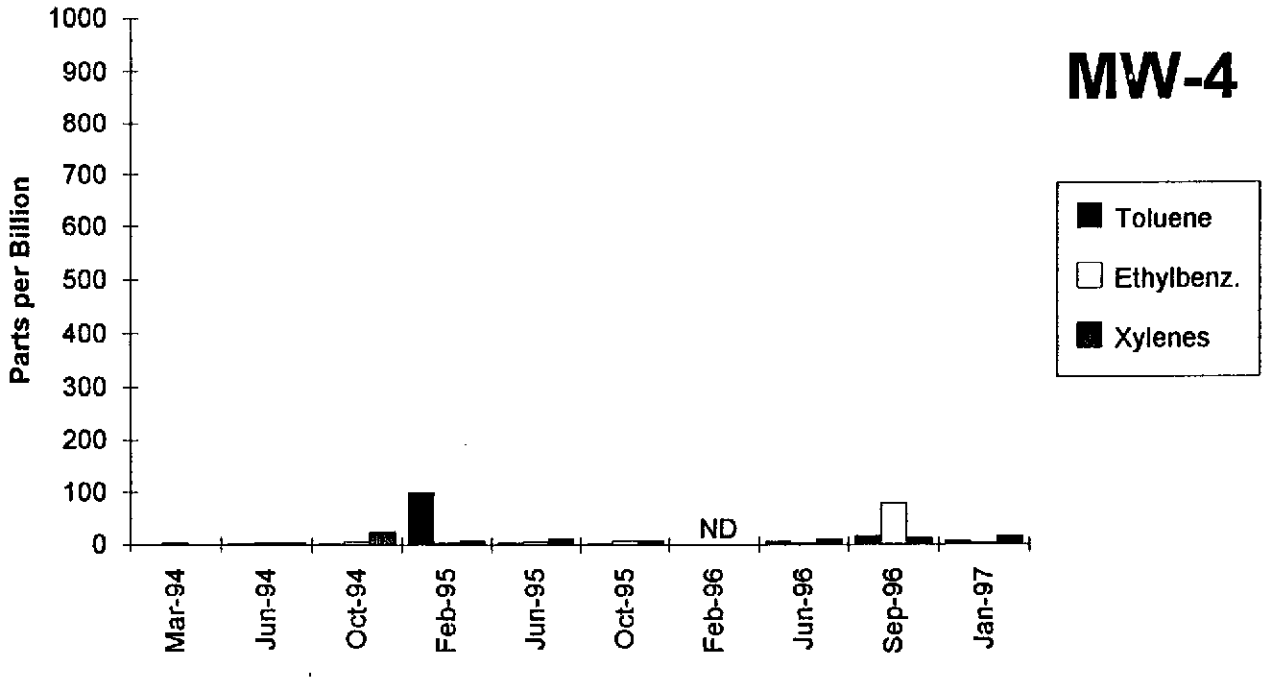
35000
30000
25000
20000
15000
10000
5000
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene

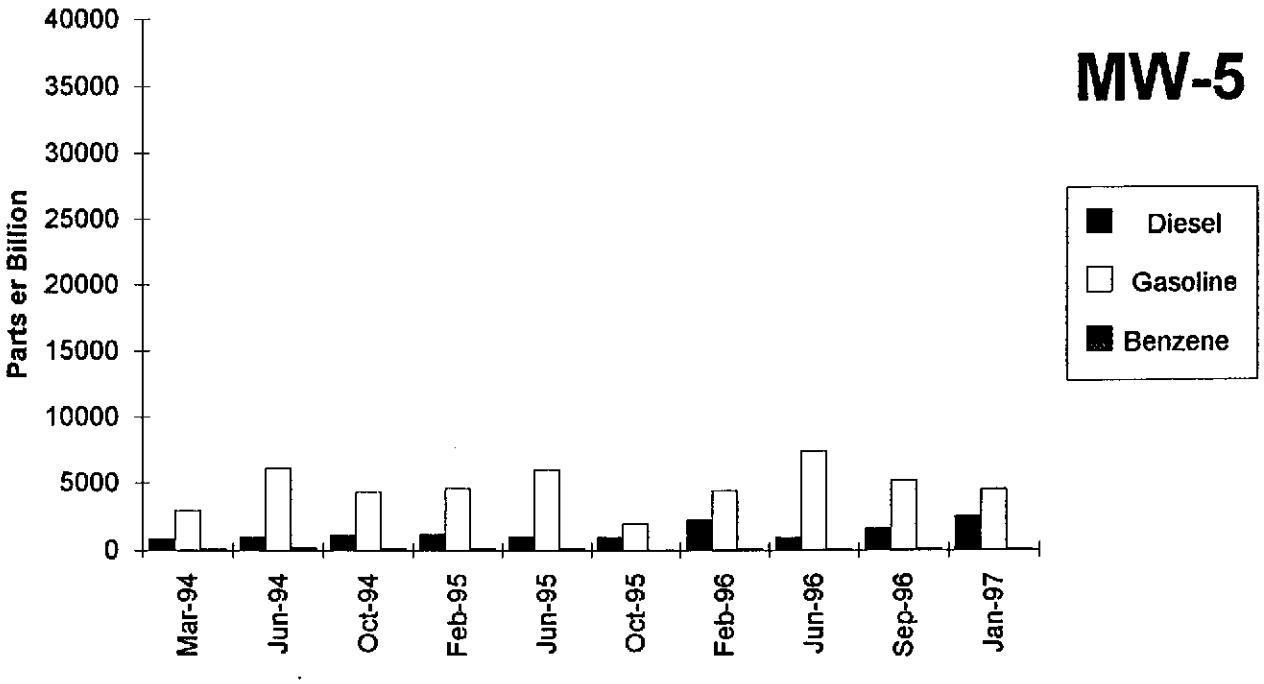

MW-2
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes

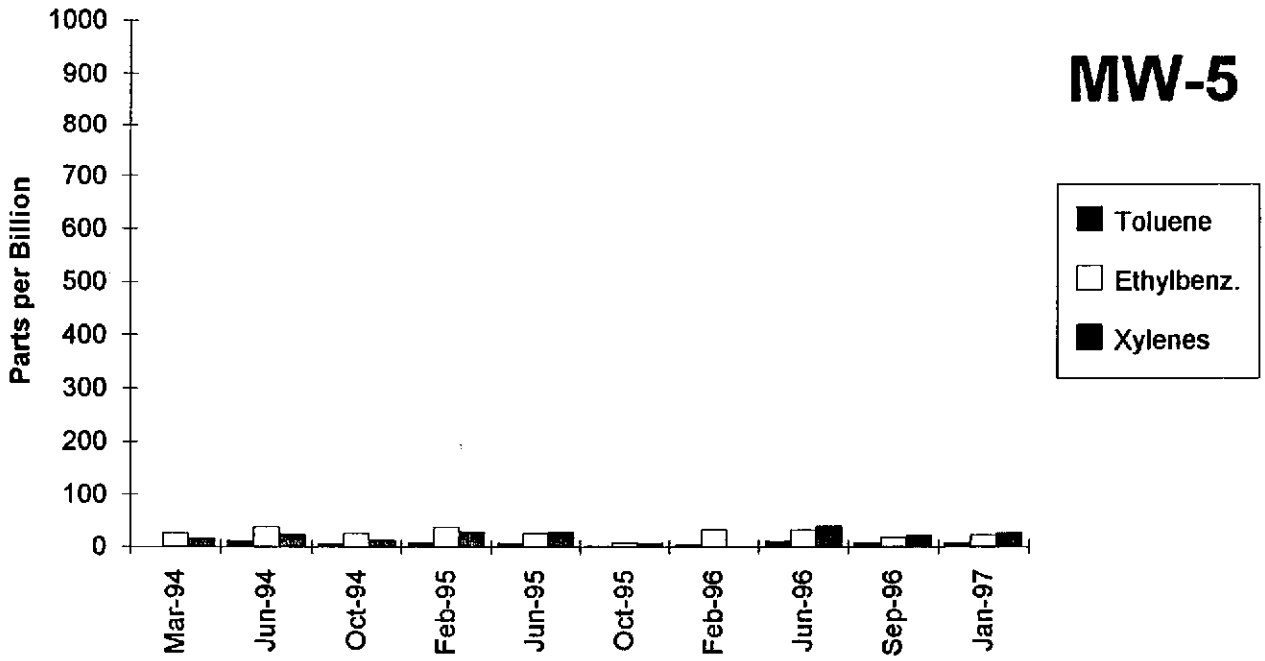

57,000
MW-3
Parts per Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Diesel
Gasoline
Benzene
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97

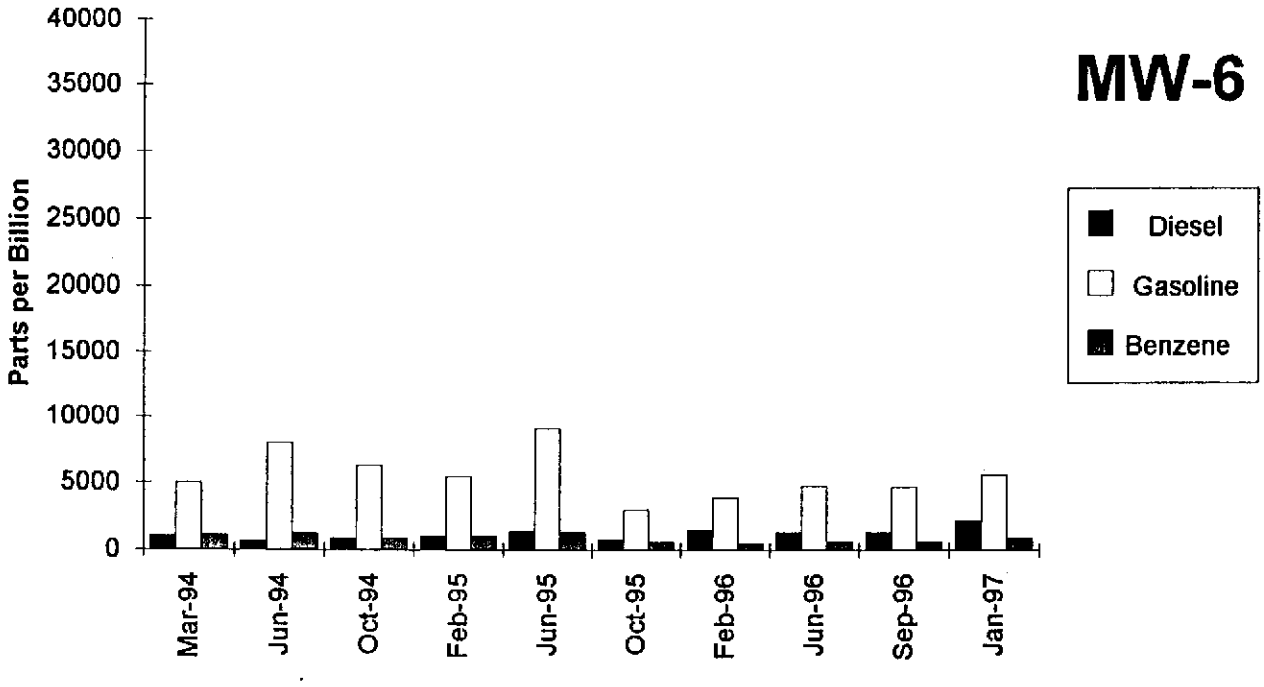

MW-3
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes

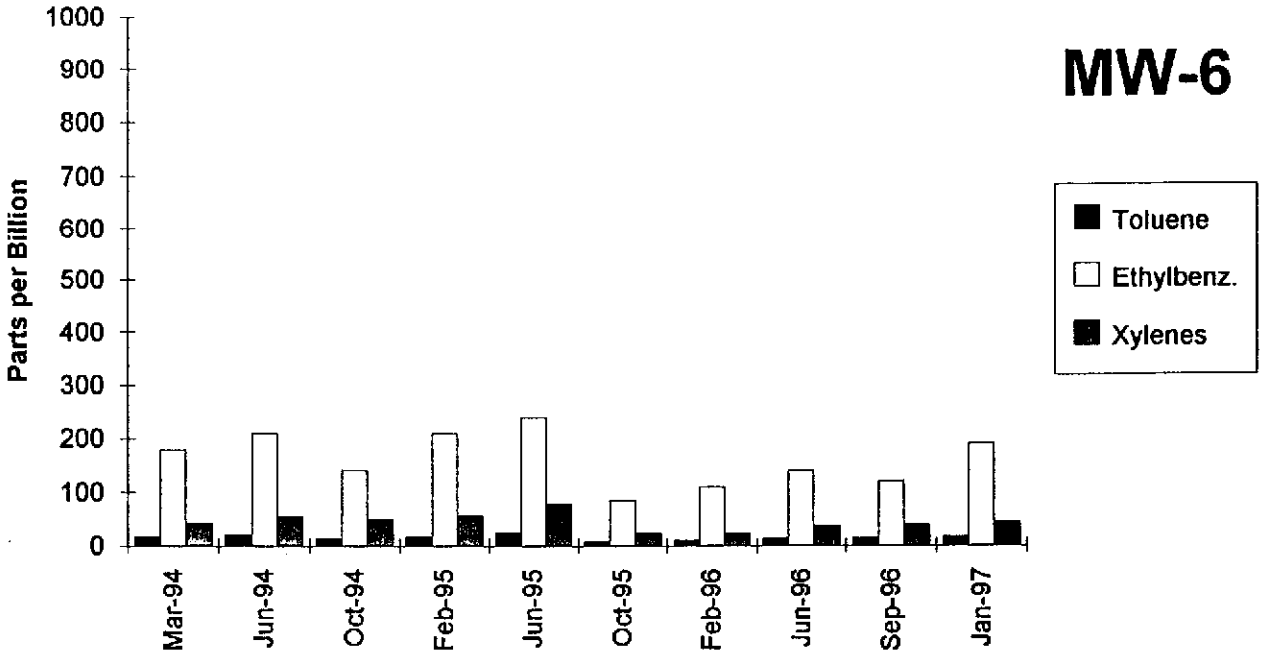

MW-4
Parts per Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene

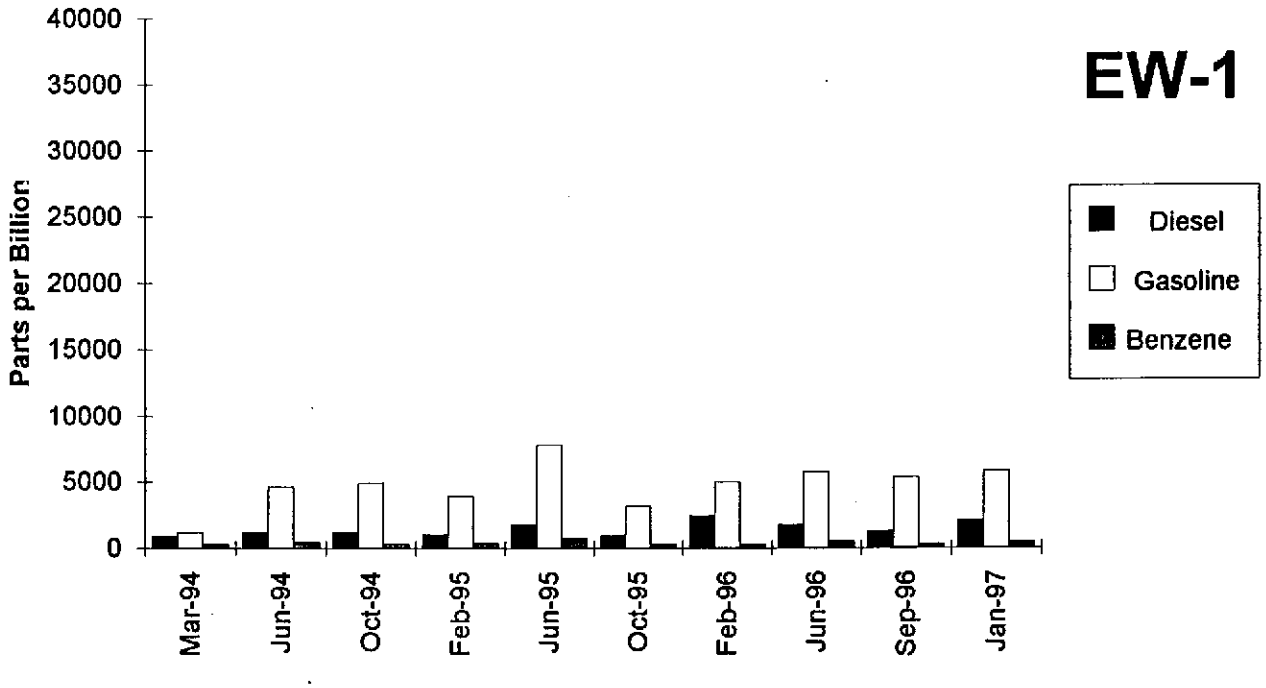

MW-4
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
ND
Toluene
Ethylbenz.
Xylenes
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97

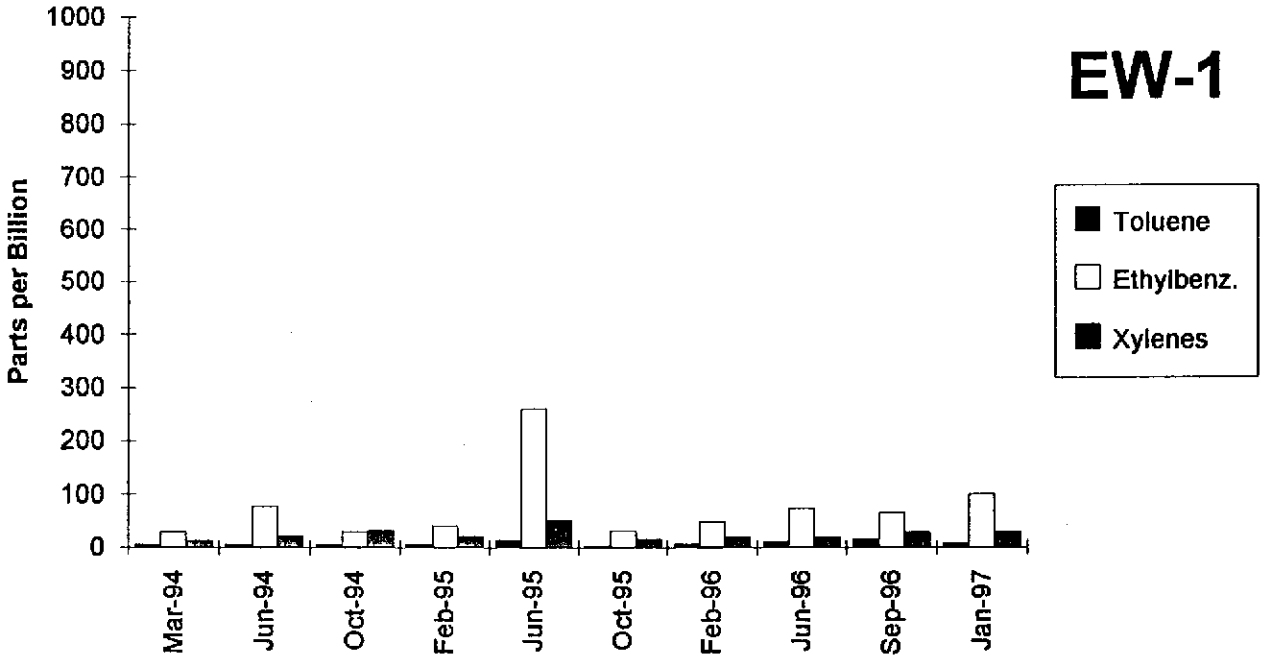

MW-5
Parts er Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene


MW-5
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes


MW-6
Parts per Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene


MW-6
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes


EW-1
Parts per Billion
40000
35000
30000
25000
20000
15000
10000
5000
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Diesel
Gasoline
Benzene

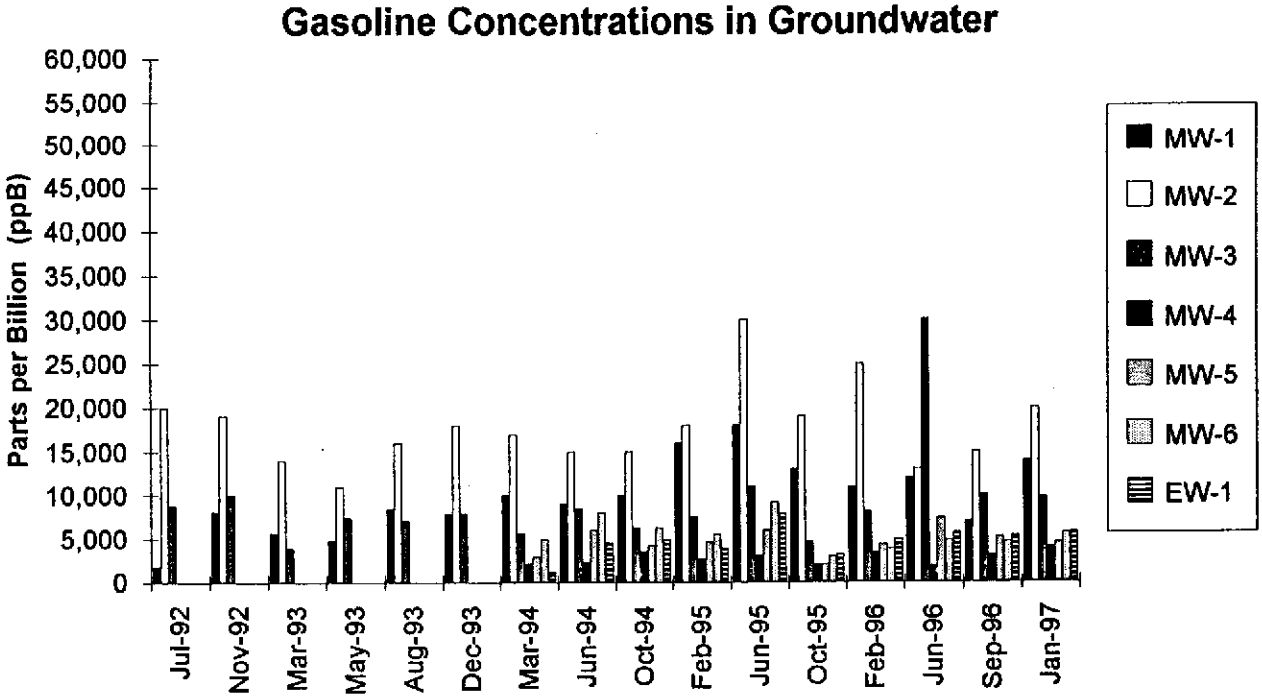

EW-1
Parts per Billion
1000
900
800
700
600
500
400
300
200
100
0
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
Toluene
Ethylbenz.
Xylenes

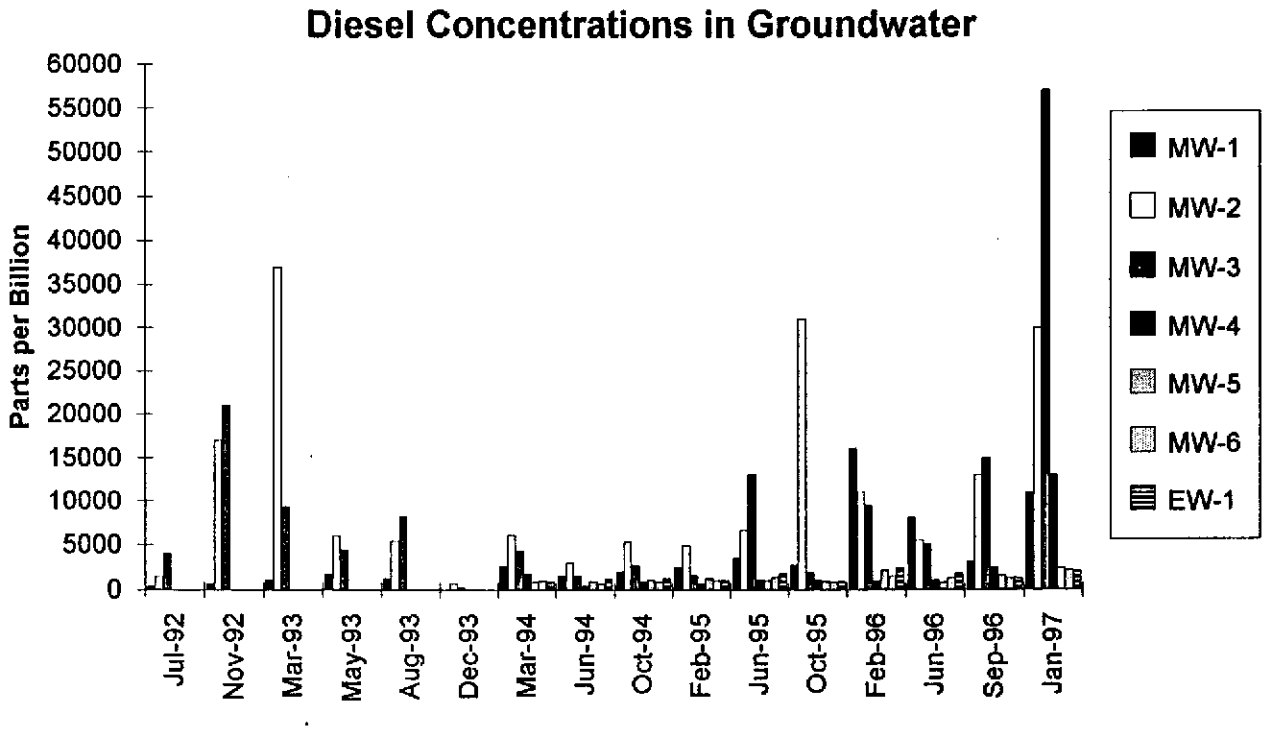
DIESEL concentrations in groundwater (ppB)

MONTH	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	EW-1
Jul-92	360	1,500	4,000	NA	NA	NA	NA
Nov-92	670	17,000	21,000	NA	NA	NA	NA
Mar-93	1,100	**37,000**	9,300	NA	NA	NA	NA
May-93	1,700	6,000	4,400	NA	NA	NA	NA
Aug-93	1,200	5,400	8,200	NA	NA	NA	NA
Dec-93	ND (<50)	720	230	NA	NA	NA	NA
Mar-94	2,600	6,100	4,300	1,800	870	1,000	920
Jun-94	1,500	3,000	1,500	420	950	660	1,200
Oct-94	2,000	5,300	2,700	900	1,100	850	1,200
Feb-95	2,500	4,900	1,600	630	1,200	1,000	1,000
Jun-95	3,500	6,600	13,000	1,100	1,000	1,400	1,800
Oct-95	2,700	31,000	1,900	1,100	940	770	940
Feb-96	**16,000**	11,000	9,400	940	2,200	1,500	**2,400**
Jun-96	8,000	5,500	5,000	1,100	900	1,300	1,800
Sep-96	3,100	13,000	15,000	2,500	1,600	1,300	1,300
Jan-97	11,000	30,000	**57,000**	**13,000**	**2,500**	**2,200**	2,100

GASOLINE concentrations in groundwater (ppB)

MONTH	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	EW-1
Jul-92	1,800	20,000	8,800	NA	NA	NA	NA
Nov-92	8,000	19,000	10,000	NA	NA	NA	NA
Mar-93	5,600	14,000	3,900	NA	NA	NA	NA
May-93	4,800	11,000	7,400	NA	NA	NA	NA
Aug-93	8,400	16,000	7,100	NA	NA	NA	NA
Dec-93	7,800	18,000	7,900	NA	NA	NA	NA
Mar-94	10,000	17,000	5,700	2,200	2,900	5,000	1,200
Jun-94	9,000	15,000	8,400	2,300	6,100	8,000	4,600
Oct-94	10,000	15,000	6,300	3,500	4,300	6,300	4,900
Feb-95	16,000	18,000	7,500	2,600	4,600	5,500	3,900
Jun-95	**18,000**	**30,000**	11,000	3,000	6,000	**9,100**	**7,800**
Oct-95	13,000	19,000	4,700	2,000	2,000	3,000	3,200
Feb-96	11,000	25,000	8,100	3,400	4,400	3,900	5,000
Jun-96	12,000	13,000	**30,000**	1,900	**7,400**	4,800	5,700
Sep-96	7,000	15,000	10,000	3,100	5,200	4,700	5,300
Jan-97	14,000	20,000	9,700	**4,000**	4,500	5,600	5,800


Gasoline Concentrations in Groundwater
Parts per Billion (ppB)
60,000
55,000
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
EW-1


Diesel Concentrations in Groundwater
Parts per Billion
60000
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Jul-92
Nov-92
Mar-93
May-93
Aug-93
Dec-93
Mar-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Sep-96
Jan-97
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
EW-1

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Date: 2/3/97

ATTN: John Alt

Message: 8010 results (#95-008
2301 East 12th Street)

FROM: Angela Rydelius

Number of pages faxed including this one:

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 95-008; 2301 East 12th Street, Oakland	Date Sampled: 01/16/97
		Date Received: 01/20/97
	Client Contact: John Alt	Date Extracted: 01/28/97
	Client P.O:	Date Analyzed: 01/28/97

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	73002	73003		
Client ID	MW-1	MW-2		
Matrix	W	W		
Compound	Concentration*			
Bromodichloromethane	ND	ND		
Bromoform(b)	ND	ND		
Bromomethane	ND	ND		
Carbon Tetrachloride(c)	ND	ND		
Chlorobenzene	ND	ND		
Chloroethane	ND	ND		
2-Chloroethyl Vinyl Ether(d)	ND	ND		
Chloroform(e)	ND	ND		
Chloromethane	ND	ND		
Dibromochloromethane	ND	ND		
1,2-Dichlorobenzene	ND	ND		
1,3-Dichlorobenzene	ND	ND		
1,4-Dichlorobenzene	ND	ND		
Dichlorodifluoromethane	ND	ND		
1,1-Dichloroethane	ND	ND		
1,2-Dichloroethane	ND	ND		
1,1-Dichloroethene	ND	ND		
cis 1,2-Dichloroethene	0.71	0.69		
trans 1,2-Dichloroethene	ND	ND		
1,2-Dichloropropane	ND	ND		
cis 1,3-Dichloropropene	ND	ND		
trans 1,3-Dichloropropene	ND	ND		
Methylene Chloride(f)	ND	ND		
1,1,2,2-Tetrachloroethane	ND	ND		
Tetrachloroethene	ND	ND		
1,1,1-Trichloroethane	ND	ND		
1,1,2-Trichloroethane	ND	ND		
Trichloroethene	13	12		
Trichlorofluoromethane	ND	ND		
Vinyl Chloride(g)	ND	ND		
% Recovery Surrogate	104	103		
Comments	h	h		

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L.; soil and sludge, ND< 5ug/kg

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Epigene International 38750 Pasco Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 95-008; 2301 East 12th Street, Oakland	Date Sampled: 01/16/97
		Date Received: 01/20/97
	Client Contact: John Alt	Date Extracted: 01/28/97
	Client P.O:	Date Analyzed: 01/28/97

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	72998	72999	73000	73001
Client ID	MW-4	MW-5	MW-6	EW-1
Matrix	W	W	W	W
Compound	Concentration*			
Bromodichloromethane	ND	ND	ND< 1	ND
Bromoform[b]	ND	ND	ND< 1	ND
Bromomethane	ND	ND	ND< 1	ND
Carbon Tetrachloride[c]	ND	ND	ND< 1	ND
Chlorobenzene	ND	0.71	ND< 1	ND
Chloroethane	ND	ND	1.1	0.87
2-Chloroethyl Vinyl Ether[d]	ND	ND	ND< 1	ND
Chloroform[e]	ND	ND	ND< 1	ND
Chloromethane	ND	ND	ND< 1	ND
Dibromochloromethane	ND	ND	ND< 1	ND
1,2-Dichlorobenzene	ND	ND	ND< 1	ND
1,3-Dichlorobenzene	ND	ND	ND< 1	ND
1,4-Dichlorobenzene	ND	ND	ND< 1	ND
Dichlorodifluoromethane	ND	ND	ND< 1	ND
1,1-Dichloroethane	ND	ND	ND< 1	ND
1,2-Dichloroethane	ND	ND	1.1	ND
1,1-Dichloroethene	ND	ND	ND< 1	ND
cis 1,2-Dichloroethene	0.76	6.1	81	14
trans 1,2-Dichloroethene	ND	3.8	21	5.2
1,2-Dichloropropane	ND	ND	ND< 1	ND
cis 1,3-Dichloropropene	ND	ND	ND< 1	ND
trans 1,3-Dichloropropene	ND	ND	ND< 1	ND
Methylene Chloride[f]	ND	ND	ND< 1	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND< 1	ND
Tetrachloroethene	ND	ND	ND< 1	ND
1,1,1-Trichloroethane	ND	ND	ND< 1	0.57
1,1,2-Trichloroethane	ND	ND	ND< 1	ND
Trichloroethene	ND	ND	82	14
Trichlorofluoromethane	ND	ND	ND< 1	ND
Vinyl Chloride[g]	ND	9.1	29	3.7
% Recovery Surrogate	104	103	99	101
Comments	h		h	h

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil and sludge, ND< 5ug/kg

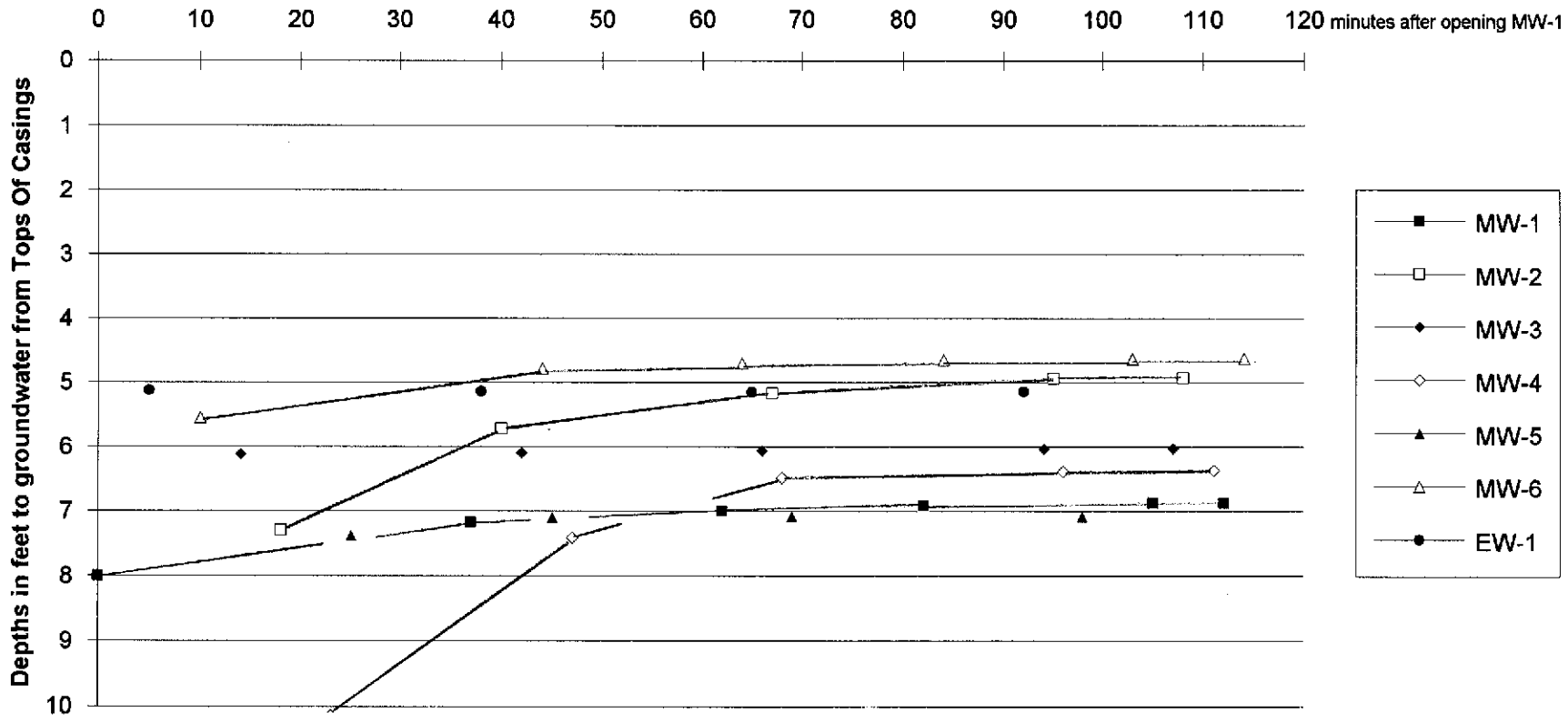
ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

2301 East 12th Street: groundwater level fluctuations until stabilized, January 16, 1997



2301 East 12th Street, Oakland.

Depths to groundwater until stabilized. **January 16, 1997.**

	Depths to groundwater (in feet) from Tops Of Casings						
minutes	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**EW-1**
0	8						
5							5.13
10						5.55	
14			6.12				
18		7.3					
23				10.14			
25					7.38		
37	7.18						
38							5.14
40		5.72					
42			6.1				
44						4.78	
45					7.1		
47				7.41			
62	7						
64						4.7	
65							5.15
66			6.06				
67		5.17					
68				6.49			
69					7.08		
82	6.92						
84						4.65	
92							5.14
94			6.04				
95		4.94					
96				6.39			
98					7.08		
103						4.63	
105	6.87						
107			6.03				
108		4.93					
111				6.37			
112	6.87						
114						4.62	

2301 East 12th Street, Oakland: Groundwater data BY MONTH

Contaminant concentrations in parts per Billion (ppB)

Well #	Diesel	Gasoline	Benzene	Jul 27 '92	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	360	1800	**600**		MW-1	5.1	13	18
MW-2	1500	**20000**	110		MW-2	6	37	**39**
MW-3	**4000**	8800	150		MW-3	**86**	**88**	13

Well #	Diesel	Gasoline	Benzene	Nov 6 '92	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	670	8000	2400		MW-1	6.1	41	ND (<0.5)
MW-2	17000	**19000**	**2800**		MW-2	**120**	790	**1100**
MW-3	**21000**	10000	78		MW-3	3.1	**830**	13

Well #	Diesel	Gasoline	Benzene	Mar 2 '93	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	1100	5600	**3800**		MW-1	ND (<0.5)	120	ND (<0.5)
MW-2	**37000**	**14000**	**3800**		MW-2	**110**	**950**	**1100**
MW-3	9300	3900	120		MW-3	ND (<0.5)	240	37

Well #	Diesel	Gasoline	Benzene	May 26 '93	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	1700	4800	3400		MW-1	44	140	150
MW-2	**6000**	**11000**	**5200**		MW-2	**140**	**1000**	**990**
MW-3	4400	7400	570		MW-3	4.1	640	8.4

Well #	Diesel	Gasoline	Benzene	Aug 27 '93	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	1200	8400	**2300**		MW-1	35	180	57
MW-2	5400	**16000**	1700		MW-2	**120**	**640**	**710**
MW-3	**8200**	7100	180		MW-3	1.5	110	9.4

Well #	Diesel	Gasoline	Benzene	Dec 23 '93	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	ND (<50)	7800	29		MW-1	16	5.8	26
MW-2	**720**	**18000**	**87**		MW-2	**79**	**42**	**400**
MW-3	230	7900	30		MW-3	14	12	62

Well #	Diesel	Gasoline	Benzene	Mar 27 '94	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	2600	10000	**2400**		MW-1	84	310	280
MW-2	**6100**	**17000**	2100		MW-2	**100**	**630**	**750**
MW-3	4300	5700	180		MW-3	10	100	24
MW-4	1800	2200	19		MW-4	1.2	2.9	1.2
MW-5	870	2900	71		MW-5	ND (<0.5)	27	15
MW-6	1000	5000	1100		MW-6	17	180	41
EW-1	920	1200	270		EW-1	6.2	30	13

Well #	Diesel	Gasoline	Benzene	Jun 24 '94	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	1500	9000	**2300**		MW-1	44	260	170
MW-2	**3000**	**15000**	2000		MW-2	**72**	**550**	**520**
MW-3	1500	8400	230		MW-3	13	93	7.6
MW-4	420	2300	19		MW-4	1.6	2.8	4.6
MW-5	950	6100	220		MW-5	12	38	24
MW-6	660	8000	1200		MW-6	21	210	54
EW-1	1200	4600	410		EW-1	5.6	78	22

Well #	Diesel	Gasoline	Benzene	Oct 16 '94	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	2000	10000	2100		MW-1	35	250	140
MW-2	**5300**	**15000**	1500		MW-2	**81**	**410**	**520**
MW-3	2700	6300	140		MW-3	8.7	68	25
MW-4	900	3500	3.8		MW-4	2	5.2	24
MW-5	1100	4300	120		MW-5	5.1	27	13
MW-6	850	6300	**8700**		MW-6	14	140	49
EW-1	1200	4900	310		EW-1	5.2	30	32

5710 71

Well #	Diesel	Gasoline	Benzene	**Feb 13 '95**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	2500	16000	**3200**		MW-1	110	460	260
MW-2	**4900**	**18000**	2000		MW-2	**120**	**660**	**900**
MW-3	1600	7500	220		MW-3	17	110	22
MW-4	630	2600	100		MW-4	100	3.8	7.1
MW-5	1200	4600	130		MW-5	7.9	38	29
MW-6	1000	5500	1000		MW-6	17	210	55
EW-1	1000	3900	380		EW-1	5.9	41	22

Well #	Diesel	Gasoline	Benzene	**Jun 20 '95**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	3500	18000	**2600**		MW-1	**87**	450	220
MW-2	6600	**30000**	1300		MW-2	85	**510**	**520**
MW-3	**13000**	11000	310		MW-3	23	160	63
MW-4	1100	3000	31		MW-4	3.4	6.1	12
MW-5	1000	6000	140		MW-5	6.7	27	29
MW-6	1400	9100	1300		MW-6	24	240	79
EW-1	1800	7800	710		EW-1	14	260	52

Well #	Diesel	Gasoline	Benzene	**Oct 16 '95**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	2700	13000	**2200**		MW-1	63	220	110
MW-2	**31000**	**19000**	1500		MW-2	**92**	**400**	**330**
MW-3	1900	4700	120		MW-3	6.7	32	16
MW-4	1100	2000	43		MW-4	2.3	8.4	6.9
MW-5	940	2000	43		MW-5	2.3	8.4	6.9
MW-6	770	3000	590		MW-6	8.8	84	24
EW-1	940	3200	310		EW-1	3.3	32	16

Well #	Diesel	Gasoline	Benzene	**Feb 16 '96**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	**16000**	11000	1400		MW-1	25	**130**	81
MW-2	11000	**25000**	**1700**		MW-2	**93**	50	**440**
MW-3	9400	8100	62		MW-3	13	50	33
MW-4	940	3400	ND (<0.5)		MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	2200	4400	61		MW-5	5.3	34	ND (<0.5)
MW-6	1500	3900	460		MW-6	11	110	23
EW-1	2400	5000	270		EW-1	7.5	50	20

Well #	Diesel	Gasoline	Benzene	**Jun 13 '96**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	**8000**	12000	**25000**	(also 18 & 20)	MW-1	72	190	130
MW-2	5500	13000	1400		MW-2	**75**	**460**	**410**
MW-3	5000	**30000**	110		MW-3	65	130	160
MW-4	1100	1900	12		MW-4	5.7	3.4	9.6
MW-5	900	7400	94		MW-5	11	32	40
MW-6	1300	4800	630		MW-6	14	140	37
EW-1	1800	5700	450		EW-1	11	75	19

Well #	Diesel	Gasoline	Benzene	**Sep 17 '96**	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	3100	7000	1200		MW-1	29	86	55
MW-2	13000	**15000**	**1600**		MW-2	**66**	**480**	**460**
MW-3	**15000**	10000	68		MW-3	20	61	42
MW-4	2500	3100	ND (<0.5)		MW-4	15	78	12
MW-5	1600	5200	140		MW-5	7.5	18	21
MW-6	1300	4700	550		MW-6	14	120	38
EW-1	1300	5300	300		EW-1	15	67	29

Well #	Diesel	Gasoline	Benzene	Jan 16 '97	Well #	Toluene	Ethylbenz.	Xylenes
MW-1	11,000	14,000	1,500		MW-1	47	190	130
MW-2	30,000	**20,000**	**1,800**		MW-2	**150**	**670**	**780**
MW-3	**57,000**	9,700	64		MW-3	19	38	60
MW-4	13,000	4,000	ND (<0.5)		MW-4	7	3	15
MW-5	2,500	4,500	64		MW-5	8.7	23	26
MW-6	2,200	5,600	850		MW-6	17	190	43
EW-1	2,100	5,800	480		EW-1	8.6	100	30
Well #	Diesel	Gasoline	Benzene	May 1 '97	Well #	Toluene	Ethylbenzene	Xylenes
MW-1	4,300	10,000	**2,200**		MW-1	56	170	110
MW-2	24,000	**11,000**	1,300		MW-2	**96**	**400**	**410**
MW-3	**30,000**	7,300	67		MW-3	13	51	20
MW-4	6,200	2,900	ND (<0.5)		MW-4	5.1	3.4	5.7
MW-5	3,400	4,300	120		MW-5	7.6	21	23
MW-6	3,500	5,400	450		MW-6	9.1	38	35
EW-1	3,200	4,200	300		EW-1	8.1	48	24
Well #	Diesel	Gasoline	Benzene	Dec 12 '97	Well #	Toluene	Ethylbenzene	Xylenes
MW-1	3,400	9,800	**2,000**	(MW-1: 17th)	MW-1	46	81	94
MW-2	**24,000**	**14,000**	1,200		MW-2	**76**	**460**	**420**
MW-3	16,000	10,000	63		MW-3	22	68	48
MW-4	650	1,800	41		MW-4	13	14	20
MW-5	2,400	4,000	66		MW-5	8.7	15	25
MW-6	1,200	4,900	530		MW-6	13	130	38
EW-1	1,400	3,900	180		EW-1	8.5	49	23
Well #	Diesel	Gasoline	Benzene	Mar 24 '98	Well #	Toluene	Ethylbenzene	Xylenes
MW-1	8,600	**12,000**	**2,600**		MW-1	**74**	280	100
MW-2	9,500	11,000	1,200		MW-2	**74**	**430**	**350**
MW-3	**10,000**	7,900	ND (<50 ppB)		MW-3	1.5	53	21
MW-4	1,300	3,100	ND (<50 ppB)		MW-4	5	3.7	6.2
MW-5	1,200	4,100	48		MW-5	7.2	14	21
MW-6	1,200	5,300	630		MW-6	11	120	25
EW-1	1,700	4,900	470		EW-1	9.1	87	24
Well #	Diesel	Gasoline	Benzene	Jul 20 '98	Well #	Toluene	Ethylbenzene	Xylenes
MW-1	6,800	11,000	**2,100**		MW-1	57	220	83
MW-2	**490,000**	38,000	890		MW-2	160	490	850
MW-3	17,000	6,200	87		MW 3	13	44	25
MW-4	1,000	950	2.2		MW-4	1.5	2	2.1
MW-5	1,600	3,400	69		MW-5	6	11	15
MW-6	1,600	2,900	420		MW-6	7	60	14
EW-1	2,300	4,000	190		EW-1	7.1	25	26

2301 East 12th Street, Oakland: Groundwater data BY WELL

Contaminant concentrations in parts per Billion (ppB)

MONTH	Diesel	Gasoline	Benzene	**MW-1**	MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	360	1800	600		Jul-92	5.1	13	18
Nov-92	670	8000	2400		Nov-92	6.1	41	ND (<0.5)
Mar-93	110	5600	**3800**		Mar-93	ND (<0.5)	120	ND (<0.5)
May-93	1700	4800	3400		May-93	44	140	150
Aug-93	1200	8400	2300		Aug-93	35	180	57
Dec-93	ND (<50)	7800	29		Dec-93	16	5.8	26
Mar-94	2600	10000	2400		Mar-94	84	310	**280**
Jun-94	1500	9000	2300		Jun-94	44	260	170
Oct-94	2000	10000	2100		Oct-94	35	250	140
Feb-95	2500	16000	3200		Feb-95	**110**	**460**	260
Jun-95	3500	**18000**	2600		Jun-95	87	450	220
Oct-95	2700	13000	2200		Oct-95	63	220	110
Feb-96	**16000**	11000	1400		Feb-96	25	130	81
Jun-96	8000	12000	2500		Jun-96	72	190	130
Sep-96	3100	7000	1200		Sep-96	29	86	55
Jan-97	11,000	14,000	1,500		Jan-97	47	190	130
May-97	4,300	10,000	2,200		May-97	56	170	110
Dec-97	3,400	9,800	2,000		Dec-97	46	81	94
Mar-98	8,600	12,000	2,600		Mar-98	74	280	100
Jul-98	6,800	11,000	2,100		Jul-98	57	220	83

MONTH	Diesel	Gasoline	Benzene	**MW-2**	MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	1500	20000	110		Jul-92	6	37	39
Nov-92	17000	19000	2800		Nov-92	120	790	**1100**
Mar-93	37000	14000	3800		Mar-93	110	950	**1100**
May-93	6000	11000	**5200**		May-93	140	**1000**	990
Aug-93	5400	16000	1700		Aug-93	120	640	710
Dec-93	720	18000	87		Dec-93	79	42	400
Mar-94	6100	17000	2100		Mar-94	100	630	750
Jun-94	3000	15000	2000		Jun-94	72	550	520
Oct-94	5300	15000	1500		Oct-94	81	410	520
Feb-95	4900	18000	2000		Feb-95	120	660	900
Jun-95	6600	30000	1300		Jun-95	85	510	520
Oct-95	31000	19000	1500		Oct-95	92	400	330
Feb-96	11000	25000	1700		Feb-96	93	50	440
Jun-96	5500	13000	1400		Jun-96	75	460	410
Sep-96	13000	15000	1600		Sep-96	66	480	460
Jan-97	30,000	20,000	1,800		Jan-97	150	670	780
May-97	24,000	11,000	1,300		May-97	96	400	410
Dec-97	24,000	14,000	1,200		Dec-97	76	460	420
Mar-98	9,500	11,000	1,200		Mar-98	74	430	350
Jul-98	**490,000**	**38,000**	890		Jul-98	**160**	490	850

MONTH	Diesel	Gasoline	Benzene	MW-3	MONTH	Toluene	Ethylbenz.	Xylenes
Jul-92	4000	8800	150		Jul-92	8.6	88	13
Nov-92	21000	10000	78		Nov-92	3.1	**830**	13
Mar-93	9300	3900	120		Mar-93	ND (<0.5)	240	37
May-93	4400	7400	**570**		May-93	4.1	640	8.4
Aug-93	8200	7100	180		Aug-93	15	110	9.4
Dec-93	230	7900	30		Dec-93	14	12	62
Mar-94	4300	5700	180		Mar-94	10	100	24
Jun-94	1500	8400	230		Jun-94	13	93	7.6
Oct-94	2700	6300	140		Oct-94	8.7	68	25
Feb-95	1600	7500	220		Feb-95	17	110	22
Jun-95	13000	11000	310		Jun-95	23	160	63
Oct-95	1900	4700	120		Oct-95	6.7	32	16
Feb-96	9400	8100	62		Feb-96	13	50	33
Jun-96	5000	**30,000**	110		Jun-96	**65**	130	**160**
Sep-96	15000	10000	68		Sep-96	20	61	42
Jan-97	**57,000**	9,700	64		Jan-97	19	38	60
May-97	30,000	7,300	67		May-97	13	51	20
Dec-97	16,000	10,000	63		Dec-97	22	68	48
Mar-98	10,000	7,900	ND (<50 ppB)		Mar-98	1.5	53	21
Jul-98	17,000	6,200	87		Jul-98	13	44	25

MONTH	Diesel	Gasoline	Benzene	MW-4	MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	1800	2200	19		Mar-94	1.2	2.9	1.2
Jun-94	420	2300	2.9		Jun-94	1.6	2.8	4.6
Oct-94	900	3500	3.8		Oct-94	2	5.2	**24**
Feb-95	630	2600	**100**		Feb-95	**100**	3.8	7.1
Jun-95	1100	3000	31		Jun-95	3.4	6.1	12
Oct-95	1100	2000	43		Oct-95	2.3	8.4	6.9
Feb-96	940	3400	ND (<0.5)		Feb-96	ND (<0.5)	ND (<0.5)	ND (<0.5)
Jun-96	1100	1900	12		Jun-96	5.7	3.4	9.6
Sep-96	2500	3100	ND (<0.5)		Sep-96	15	**78**	12
Jan-97	**13,000**	**4,000**	ND (<0.5)		Jan-97	7	3	15
May-97	6,200	2,900	ND (<0.5)		May-97	5.1	3.4	5.7
Dec-95	650	1,800	41		Dec-97	13	14	20
Mar-98	1,300	3,100	ND (< 50ppB)		Mar-98	5	3.7	6.2
Jul-98	1,000	950	2.2		Jul-98	1.5	2	2.1

MONTH	Diesel	Gasoline	Benzene	MW-5	MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	870	2900	71		Mar-94	ND (<0.5)	27	15
Jun-94	950	6100	**220**		Jun-94	**12**	**38**	24
Oct-94	1100	4300	120		Oct-94	5.1	27	13
Feb-95	1200	4600	130		Feb-95	7.9	**38**	29
Jun-95	1000	6000	140		Jun-95	6.7	27	29
Oct-95	940	2000	43		Oct-95	2.3	8.4	6.9
Feb-96	2200	4400	61		Feb-96	5.3	34	ND (<0.5)
Jun-96	900	**7400**	94		Jun-96	11	32	**40**
Sep-96	1600	5200	140		Sep-96	7.5	18	21
Jan-97	**2,500**	4,500	64		Jan-97	8.7	23	26
May-97	3,400	4,300	120		May-97	7.6	21	23
Dec-97	2,400	4,000	66		Dec-97	8.7	15	25
Mar-98	1,200	4,100	48		Mar-98	7.2	14	21
Jul-98	1,600	3,400	69		Jul-98	6	11	15

MONTH	Diesel	Gasoline	Benzene	MW-6	MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	1000	5000	1100		Mar-94	17	180	41
Jun-94	660	8000	1200		Jun-94	21	210	54
Oct-94	850	6300	870		Oct-94	14	140	49
Feb-95	1000	5500	1000		Feb-95	17	210	55
Jun-95	1400	**9100**	**1300**		Jun-95	**24**	**240**	**79**
Oct-95	770	3000	590		Oct-95	8.8	84	24
Feb-96	1500	3900	460		Feb-96	11	110	23
Jun-96	1300	4800	630		Jun-96	14	140	37
Sep-96	1300	4700	550		Sep-96	14	120	38
Jan-97	2,200	5,600	850		Jan-97	17	190	43
May-97	**3,500**	5,400	450		May-97	9.1	38	35
Dec-97	1,200	4,900	530		Dec-97	13	130	38
Mar-98	1,200	5,300	630		Mar-98	11	120	25
Jul-98	1,600	2,900	420		Jul-98	7	60	14

MONTH	Diesel	Gasoline	Benzene	EW-1	MONTH	Toluene	Ethylbenz.	Xylenes
Mar-94	920	1200	270		Mar-94	6.2	30	13
Jun-94	1200	4600	410		Jun-94	5.6	78	22
Oct-94	1200	4900	310		Oct-94	5.2	30	32
Feb-95	1000	3900	380		Feb-95	5.9	41	22
Jun-95	1800	**7800**	**710**		Jun-95	**14**	**260**	**52**
Oct-95	940	3200	310		Oct-95	3.3	32	16
Feb-96	2400	5000	270		Feb-96	7.5	50	20
Jun-96	1800	5700	450		Jun-96	11	75	19
Sep-96	1300	5300	300		Sep-96	15	67	29
Jan-97	2,100	5,800	480		Jan-97	8.6	100	30
May-97	**3,200**	4,200	300		May-97	8.1	48	24
Dec-97	1,400	3,900	180		Dec-97	8.5	49	23
Mar-98	1,700	4,900	470		Mar-98	9.1	87	24
Jul-98	2,300	4,000	190		Jul-98	7.1	25	26

DIESEL concentrations in groundwater (ppB)

MONTH	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	EW-1
Jul-92	360	1,500	4,000	NA	NA	NA	NA
Nov-92	670	17,000	21,000	NA	NA	NA	NA
Mar-93	1,100	**37,000**	9,300	NA	NA	NA	NA
May-93	1,700	6,000	4,400	NA	NA	NA	NA
Aug-93	1,200	5,400	8,200	NA	NA	NA	NA
Dec-93	ND (<50)	720	230	NA	NA	NA	NA
Mar-94	2,600	6,100	4,300	1,800	870	1,000	920
Jun-94	1,500	3,000	1,500	420	950	660	1,200
Oct-94	2,000	5,300	2,700	900	1,100	850	1,200
Feb-95	2,500	4,900	1,600	630	1,200	1,000	1,000
Jun-95	3,500	6,600	13,000	1,100	1,000	1,400	1,800
Oct-95	2,700	31,000	1,900	1,100	940	770	940
Feb-96	**16,000**	11,000	9,400	940	2,200	1,500	2,400
Jun-96	8,000	5,500	5,000	1,100	900	1,300	1,800
Sep-96	3,100	13,000	15,000	2,500	1,600	1,300	1,300
Jan-97	11,000	30,000	**57,000**	**13,000**	2,500	2,200	2,100
May-97	4,300	24,000	30,000	6,200	**3,400**	**3,500**	**3,200**
Dec-97	3,400	24,000	16,000	650	2,400	1,200	1,400
Mar-98	8,600	9,500	10,000	1,300	1,200	1,200	1,700
Jul-98	6,800	**490,000**	17,000	1,000	1,600	1,600	2,300

GASOLINE concentrations in groundwater (ppB)

MONTH	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	EW-1
Jul-92	1,800	20,000	8,800	NA	NA	NA	NA
Nov-92	8,000	19,000	10,000	NA	NA	NA	NA
Mar-93	5,600	14,000	3,900	NA	NA	NA	NA
May-93	4,800	11,000	7,400	NA	NA	NA	NA
Aug-93	8,400	16,000	7,100	NA	NA	NA	NA
Dec-93	7,800	18,000	7,900	NA	NA	NA	NA
Mar-94	10,000	17,000	5,700	2,200	2,900	5,000	1,200
Jun-94	9,000	15,000	8,400	2,300	6,100	8,000	4,600
Oct-94	10,000	15,000	6,300	3,500	4,300	6,300	4,900
Feb-95	16,000	18,000	7,500	2,600	4,600	5,500	3,900
Jun-95	**18,000**	30,000	11,000	3,000	6,000	**9,100**	**7,800**
Oct-95	13,000	19,000	4,700	2,000	2,000	3,000	3,200
Feb-96	11,000	25,000	8,100	3,400	4,400	3,900	5,000
Jun-96	12,000	13,000	**30,000**	1,900	**7,400**	4,800	5,700
Sep-96	7,000	15,000	10,000	3,100	5,200	4,700	5,300
Jan-97	14,000	20,000	9,700	**4,000**	4,500	5,600	5,800
May-97	10,000	11,000	7,300	2,900	4,300	5,400	4,200
Dec-97	9,800	14,000	10,000	1,800	4,000	4,900	3,900
Mar-98	12,000	11,000	7,900	3,100	4,100	5,300	4,900
Jul-98	11,000	**38,000**	6,200	950	3,400	2,900	4,000

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January 17 '97								
Well #	Chlorobenzene	Chloroethane	1,2-Dichloroeth	cis1,2-Dichloro	trans1,2-Dichlc	Tetrachloroethe	Trichloroethene	Vinyl Chloride
MW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.71	ND (<0.5)	ND (<0.5)	13	ND (<0.5)
MW-2	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.69	ND (<0.5)	ND (<0.5)	12	ND (<0.5)
MW-3	ND (<2)	ND (<2)	ND (<2)	4.9	2	ND (<2)	3.9	ND (<2)
MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.76	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	0.71	ND (<0.5)	ND (<0.5)	6.1	3.8	ND (<0.5)	ND (<0.5)	9.1
MW-6	ND (<1.0)	**1.1**	**1.1**	**81**	**21**	ND (<1.0)	**82**	**29** ←
EW-1	ND (<0.5)	0.87	ND (<0.5)	14	5.2	ND (<0.5)	14	3.7
May 1 '97								
Well #	Chlorobenzene	Chloroethane	1,2-Dichloroeth	cis1,2-Dichloro	trans1,2-Dichlc	Tetrachloroethe	Trichloroethene	Vinyl Chloride
MW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.81	ND (<0.5)	ND (<0.5)	2.7	ND (<0.5)
MW-2	5.2	ND (<0.5)	0.56	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-3	ND (<0.5)	ND (<0.5)	ND (<0.5)	4.9	2.4	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.55	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.1
MW-6	ND (<0.5)	**2**	**0.92**	**50**	**17**	ND (<0.5)	**52**	**26** ←
EW-1	ND (<0.5)	ND (<0.5)	0.53	20	8.5	ND (<0.5)	27	6.6
December 12 '97								
Well #	Chlorobenzene	Chloroethane	1,2-Dichloroeth	cis1,2-Dichloro	trans1,2-Dichlc	Tetrachloroethe	Trichloroethene	Vinyl Chloride
MW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.94	ND (<0.5)	ND (<0.5)	5.4	1
MW-2	**4.5**	ND (<0.5)	**0.54**	0.9	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-3	ND (<0.5)	ND (<0.5)	ND (<0.5)	4.3	1.9	ND (<0.5)	4.2	ND (<0.5)
MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	0.85	ND (<0.5)	ND (<0.5)	2.8	2.4	ND (<0.5)	ND (<0.5)	7.5
MW-6	ND (<2)	ND (<2)	ND (<2)	**87**	**21**	ND (<2)	**64**	**29**
EW-1	ND (<2)	ND (<2)	ND (<2)	76	20	ND (<2)	33	13
March 24 '98								
Well #	Chlorobenzene	Chloroethane	1,2-Dichloroeth	cis1,2-Dichloro	trans1,2-Dichlc	Tetrachloroethe	Trichloroethene	Vinyl Chloride
MW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.56	ND (<0.5)	ND (<0.5)	1.6	ND (<0.5)
MW-2	**5**	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-3	ND (<0.5)	ND (<0.5)	ND (<0.5)	4.5	2.2	ND (<0.5)	4.8	ND (<0.5)
MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	0.95	ND (<0.5)	ND (<0.5)	4.8	3.3	ND (<0.5)	ND (<0.5)	8.4
MW-6	ND (<2.0)	ND (<2.0)	ND (<2.0)	**54**	**17**	ND (<2.0)	**60**	**20**
EW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	13	6.7	ND (<0.5)	7.6	5.9
July 20 1998								
Well #	Chlorobenzene	Chloroethane	1,2-Dichloroeth	cis1,2-Dichloro	trans1,2-Dichlc	Tetrachloroethe	Trichloroethene	Vinyl Chloride
MW-1	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.4	ND (<0.5)	ND (<0.5)	3.4	ND (<0.5)
MW-2	1.9	1.4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.76
MW-3	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.1	0.81	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
MW-5	0.68	ND (<0.5)	ND (<0.5)	1.8	2	ND (<0.5)	ND (<0.5)	5.3
MW-6	ND (<2.0)	2.5	ND (<2.0)	54	16	ND (<2.0)	34	12
EW-1	ND (<0.5)	2	ND (<0.5)	19	9.5	ND (<0.5)	14	8.1

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MW-1

MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Jul-92	NA	NA	NA	NA	NA	NA	NA	NA
Nov-92	NA	NA	NA	NA	NA	NA	NA	NA
Mar-93	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	5.8	ND (<0.5)
May-93	ND "	ND "	ND "	ND "	ND "	ND "	6.8	ND "
Aug-93	NA	ND "	ND "	1.1	ND "	5.4	ND (<0.5)	ND "
Dec-93	NA	NA	NA	NA	NA	NA	NA	NA
Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
Jun-94	NA	NA	NA	NA	NA	NA	NA	NA
Oct-94	NA	NA	NA	NA	NA	NA	NA	NA
Feb-95	ND "	ND "	ND "	**1.3**	<0.5	ND "	ND "	ND "
Jun-95	ND "	**1.1**	ND "	1.1	<0.5	ND "	6.5	ND "
Oct-95	ND "	ND (<0.5)	ND "	0.84	<0.5	ND "	2.5	ND "
Feb-96	ND "	ND "	ND "	0.82	ND "	ND "	**24**	ND "
Jun-96	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Sep-96	ND (<3)	ND (<3)	ND (<1.8)	ND (<3)	ND (<3)	ND (<3)	11	ND (<3)
Jan-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.71	ND (<0.5)	ND (<0.5)	13	ND (<0.5)
May-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.81	ND (<0.5)	ND (<0.5)	2.7	ND (<0.5)
Jul-98	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.4	ND (<0.5)	ND (<0.5)	3.4	ND (<0.5)

MW-2

MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Jul-92	NA	NA	NA	NA	NA	NA	NA	NA
Nov-92	NA	NA	NA	NA	NA	NA	NA	NA
Mar-93	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
May-93	**9.8**	ND (<0.5)	ND "	2.7	**2.7**	ND "	ND "	ND "
Aug-93	10	1.3	0.66	**3.2**	ND (<0.5)	ND "	ND "	**2.2**
Dec-93	4.3	ND (<0.5)	ND (<0.5)	1	ND "	ND "	ND "	1.5
Mar-94	ND (<0.5)	ND "	ND "	ND (<0.5)	ND "	ND "	ND "	ND (<0.5)
Jun-94	6.5	ND "	ND "	ND "	ND "	ND "	ND "	ND "
Oct-94	5.7	ND "	ND "	0.73	ND "	ND "	ND "	1
Feb-95	12	ND "	ND "	ND (<0.5)	ND "	ND "	ND "	ND (<0.5)
Jun-95	7.9	**1.5**	**1.4**	1	ND "	ND "	ND "	2.1
Oct-95	5.1	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND "	ND "	ND "	ND (<0.5)
Feb-96	4.8	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND "	ND (<2.5)	ND (<2.5)
Jun-96	5.6	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Sep-96	8.2	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)
Jan-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.69	ND (<0.5)	ND (<0.5)	12	ND (<0.5)
May-97	5.2	ND (<0.5)	0.56	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Jul-98	1.9	1.4	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.76

MW-3								
MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Jul-92	NA	NA	NA	NA	NA	NA	NA	NA
Nov-92	NA	NA	NA	NA	NA	NA	NA	NA
Mar-93	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
May-93	NA	NA	NA	NA	NA	NA	NA	NA
Aug-93	ND "	ND "	ND "	ND "	ND "	ND "	16	ND "
Dec-93	NA	NA	NA	NA	NA	NA	NA	NA
Mar-94	ND	ND "	ND "	ND "	ND	ND "	6	ND "
Jun-94	ND "	ND "	ND "	6	1.5	ND "	ND (<0.5)	ND "
Oct-94	ND "	ND "	ND "	8.4	2.1	ND "	12	ND "
Feb-95	ND "	ND "	ND "	4.3	1.3	ND "	5.1	ND "
Jun-95	ND "	**0.5**	ND "	4.9	1.7	ND "	5.7	ND "
Oct-95	ND "	ND (<0.5)	ND "	7.1	2	ND "	7.8	ND "
Feb-96	ND "	ND "	ND "	7.3	**2.6**	ND "	**9.3**	ND "
Jun-96	ND (<1)	ND (<1)	ND (<1)	6.9	2.5	ND (<1)	ND (<1)	ND (<1)
Sep-96	ND (<5)	ND (<5)	ND (<5)	**11**	ND (<5)	ND (<5)	13	ND (<5)
Jan-97	ND (<2)	ND (<2)	ND (<2)	4.9	2	ND (<2)	3.9	ND (<2)
May-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	4.9	2.4	ND (<0.5)	ND (<0.5)	ND (<0.5)
Jul-98	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.1	0.81	ND (<0.5)	ND (<0.5)	ND (<0.5)

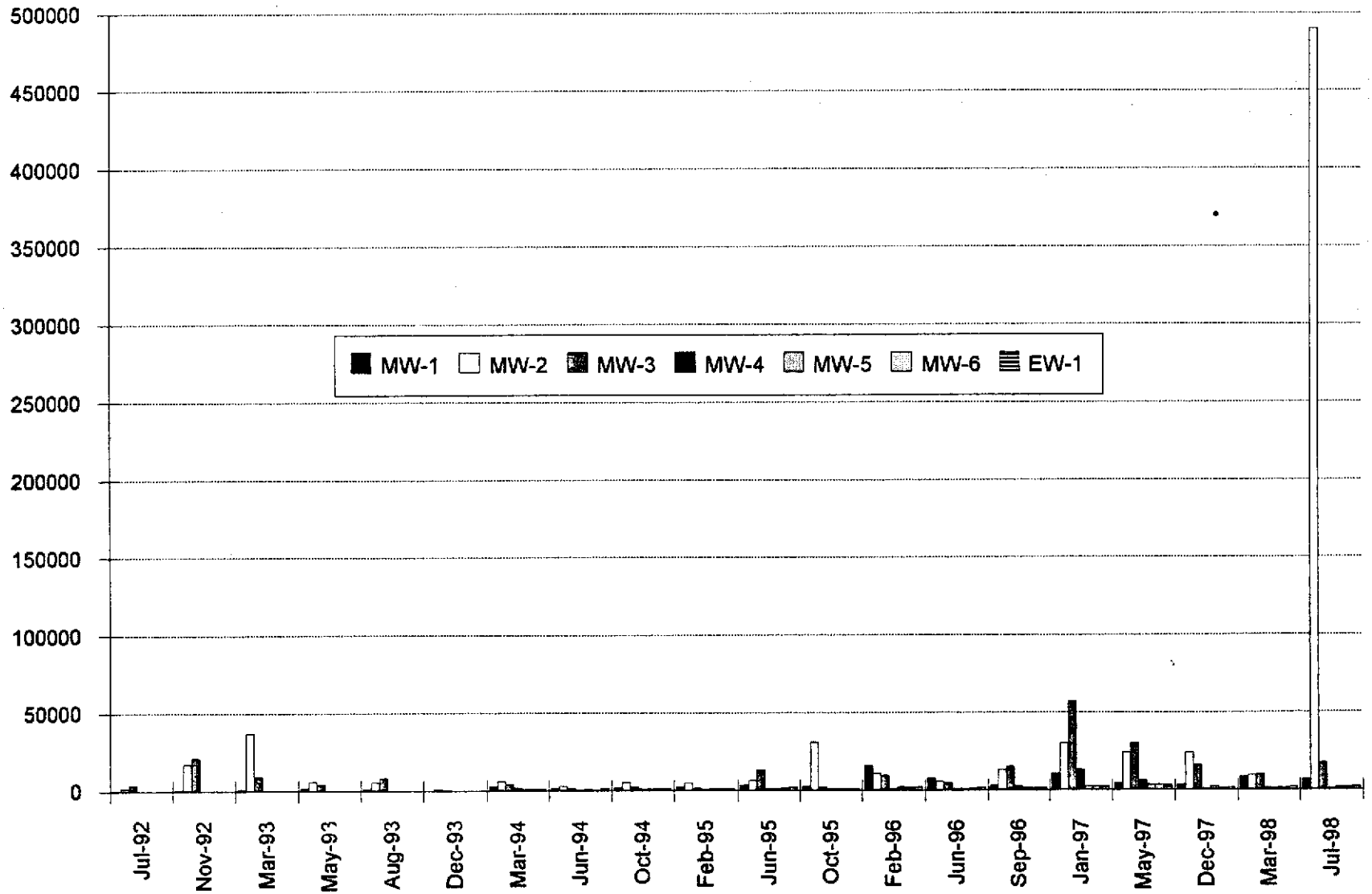
MW-4								
MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
Jun-94	NA	NA	NA	NA	NA	NA	NA	NA
Oct-94	ND (<0.5)	ND (<0.5)	**0.67**	0.71	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Feb-95	ND "	ND "	ND (<0.5)	ND (<0.5)	ND "	ND "	ND "	ND "
Jun-95	ND "	ND "	ND "	**2.2**	1	ND "	ND "	ND "
Oct-95	ND "	ND "	ND "	1.3	ND "	ND "	ND "	ND "
Feb-96	ND "	ND "	ND "	1.8	0.79	ND "	ND "	ND "
Jun-96	ND "	ND "	ND "	ND (<0.5)	ND (<0.5)	ND "	ND "	ND "
Sep-96	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<5)
Jan-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.76	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
May-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Jul-98	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)

MW-5								
MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
Jun-94	0.53	ND (<0.5)	ND (<0.5)	11	3.1	ND (<0.5)	ND (<0.5)	7.5
Oct-94	0.66	ND "	ND "	16	4.2	ND "	ND "	9.6
Feb-95	ND (<0.5)	ND "	ND "	**20**	**5.1**	ND "	ND "	8.4
Jun-95	**0.95**	ND "	ND "	12	4.1	ND "	ND "	**10**
Oct-95	0.54	ND "	ND "	9.8	2.9	ND "	**2**	7.6
Feb-96	0.57	ND "	ND "	7.7	ND "	ND "	ND "	5.3
Jun-96	ND (<2.5)	ND (<2.5)	ND (<2.5)	2.9	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
Sep-96	0.83	ND (<0.5)	ND (<0.5)	4.5	2.7	ND (<0.5)	ND (<0.5)	7.3
Jan-97	0.71	ND (<0.5)	ND (<0.5)	6.1	3.8	ND (<0.5)	ND (<0.5)	9.1
May-97	ND (<0.5)	ND (<0.5)	ND (<0.5)	0.55	ND (<0.5)	ND (<0.5)	ND (<0.5)	1.1
Jul-98	0.68	ND (<0.5)	ND (<0.5)	1.8	2	ND (<0.5)	ND (<0.5)	5.3

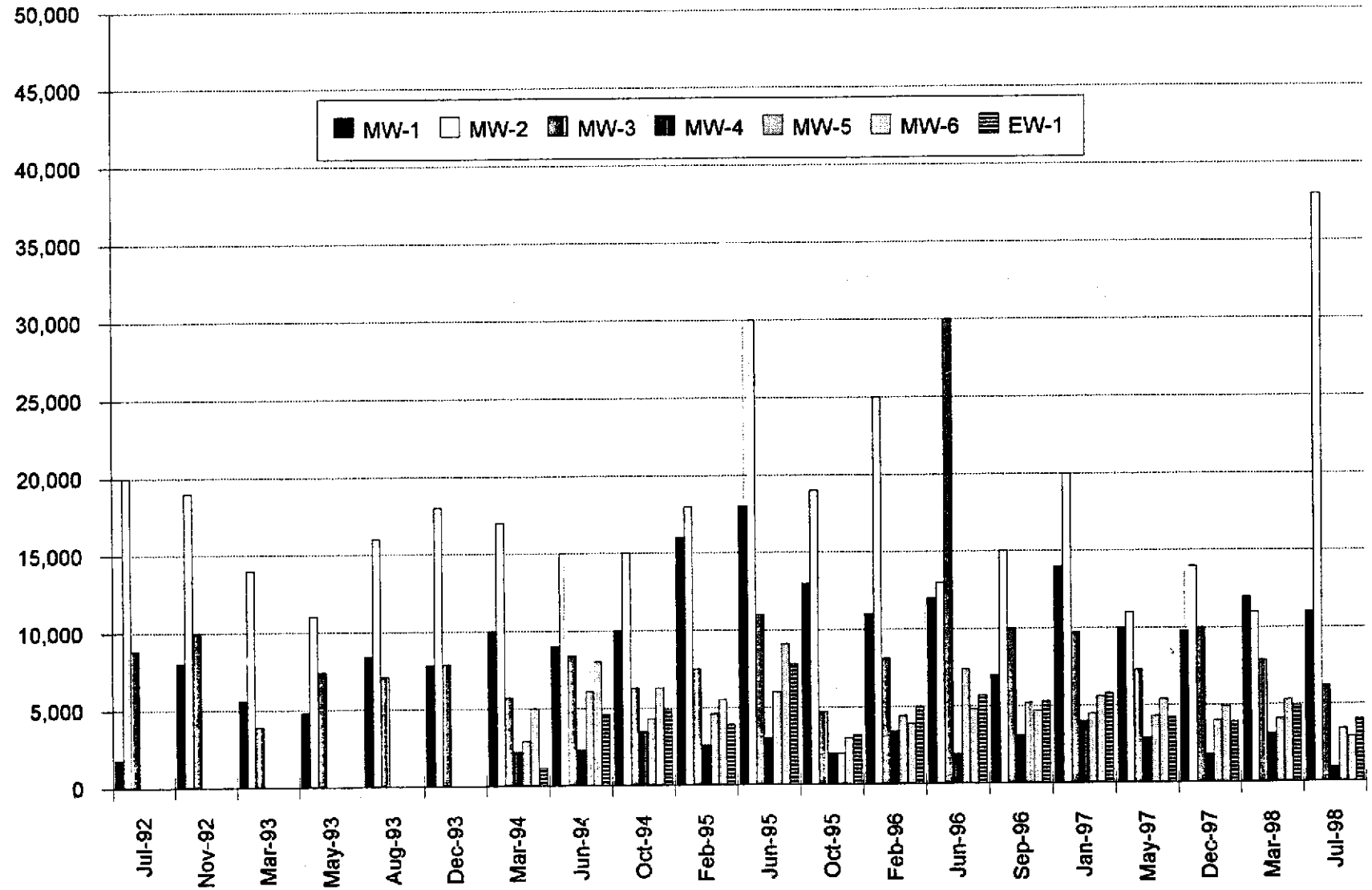
MW-6								
MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
Jun-94	NA	NA	NA	NA	NA	NA	NA	NA
Oct-94	NA	NA	NA	NA	NA	NA	NA	NA
Feb-95	ND (<0.5)	ND (<0.5)	ND (<0.5)	40	13	ND (<0.5)	99	87
Jun-95	ND "	ND "	ND "	26	17	ND "	29	**130**
Oct-95	ND "	ND "	ND "	75	16	ND "	110	54
Feb-96	ND (<2.5)	ND (<2.5)	ND (<2.5)	**110**	**25**	ND (<2.5)	**160**	46
Jun-96	ND (<2.0)	ND (<2.0)	ND (<2.0)	72	20	ND (<2.0)	83	33
Sep-96	ND (<1.0)	**2.7**	ND (<1.0)	73	**25**	ND (<1)	59	48
Jan-97	ND (<1.0)	1.1	**1.1**	81	21	ND (<1.0)	82	29
May-97	ND (<0.5)	2	0.92	50	17	ND (<0.5)	52	26
Jul-98	ND (<2.0)	2.5	ND (<2.0)	54	16	ND (<2.0)	34	12

EW-1								
MONTH	Chlorobenzene	Chloroethane	1,2Dichloroetha	Cis1,2Dichloro	Trans1,2Dichlo	Tetrachloroethe	Trichloroethene	VinylChloride
Mar-94	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	40	ND (<0.5)
Jun-94	ND "	ND "	**1.3**	**42**	11	ND "	68	3.2
Oct-94	ND "	ND "	ND "	36	ND "	ND "	**74**	ND "
Feb-95	ND "	ND "	ND "	13	4.4	ND "	53	ND "
Jun-95	ND "		ND "	4.3	2	ND "	6	2.8
Oct-95	ND (<2.0)	ND (<2.0)	ND (<2.0)	24	7.1	ND (<2.0)	46	ND (<2.0)
Feb-96	ND (<1.0)	1	ND (<1.0)	17	6.4	ND (<1.0)	33	2.3
Jun-96	ND (<1.0)	ND (<1.0)	ND (<1.0)	25	**9.8**	ND (<1.0)	38	4.9
Sep-96	ND (<1.8)	**2.3**	ND (<1.8)	25	9	ND (<1.8)	39	5.4
Jan-97	ND (<0.5)	0.87	ND (<0.5)	14	5.2	ND (<0.5)	14	3.7
May-97	ND (<0.5)	ND (<0.5)	0.53	20	8.5	ND (<0.5)	27	**6.6**
Jul-98	ND (<0.5)	2	ND (<0.5)	19	9.5	ND (<0.5)	14	8.1

2301 East 12th Street, Oakland: Diesel concentrations in groundwater (parts per Billion)

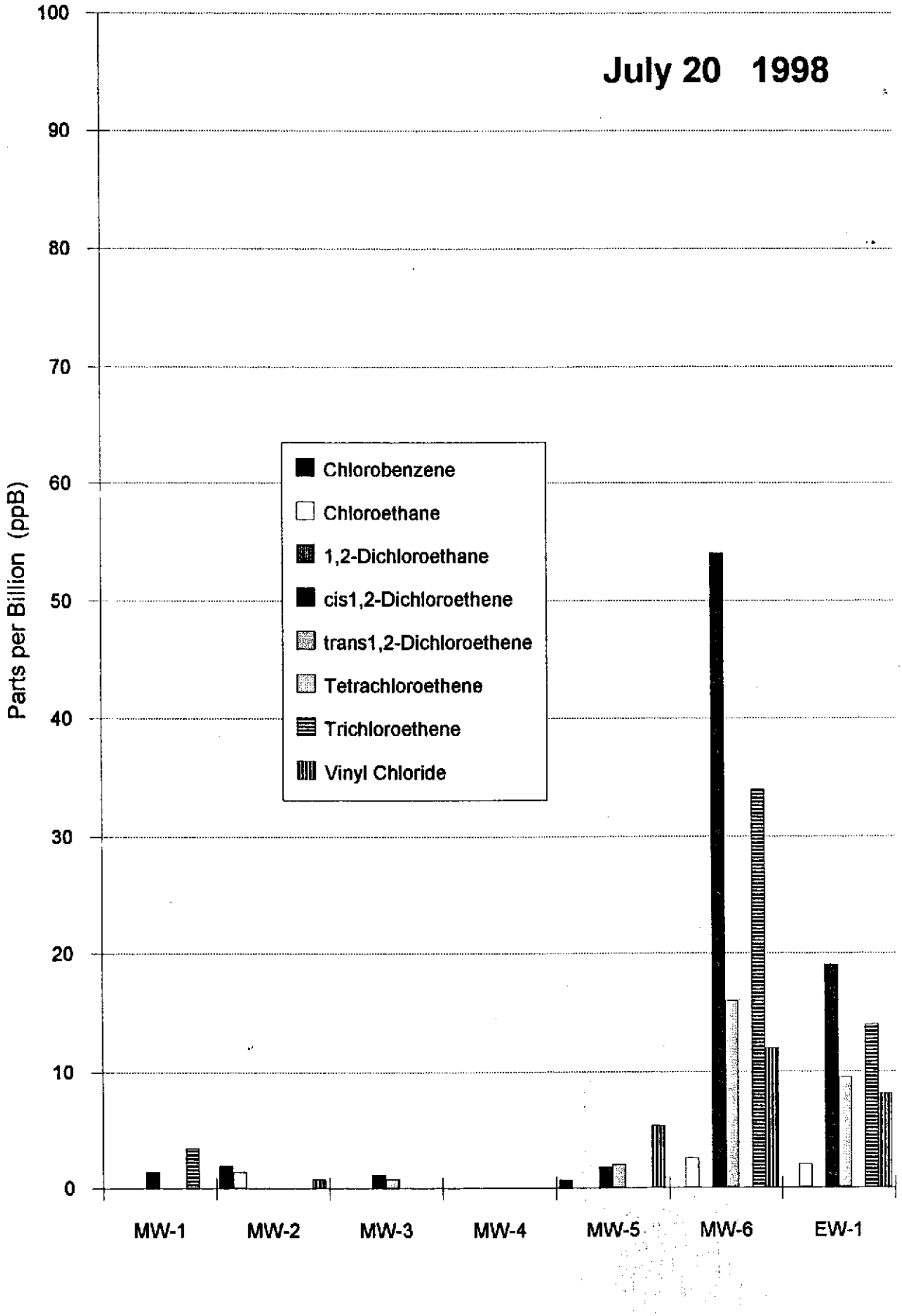


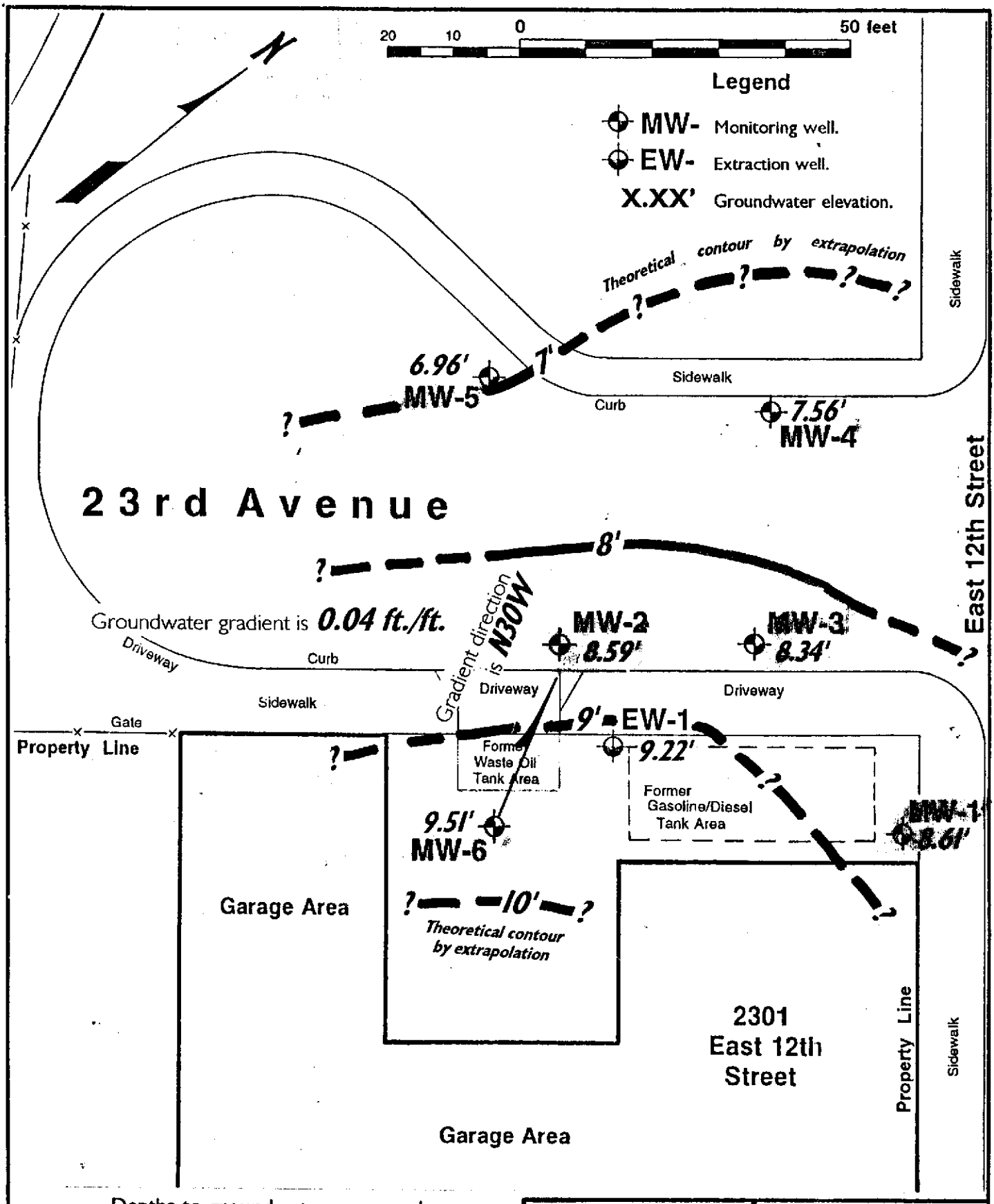
2301 East 12th Street, Oakland: TPH as Gasoline concentrations in groundwater (parts per Billion)



2301 East 12th Street, Oakland

Volatile Halocarbons concentrations in groundwater (parts per Billion)





Depths to groundwater measured on

June 14, 1998

Groundwater gradient value and direction is calculated from groundwater elevations in Monitoring Wells 1, 5, and 6.

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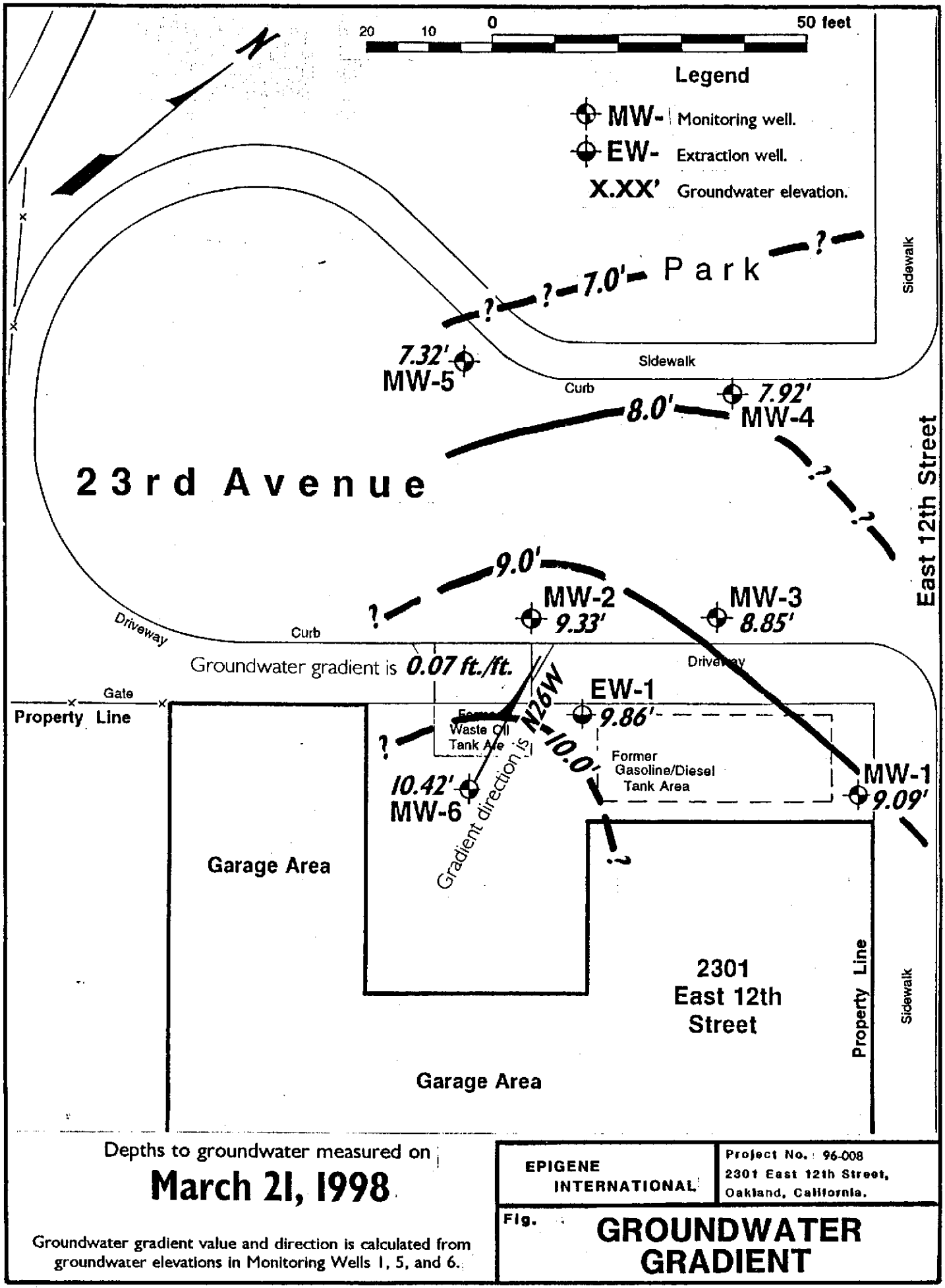
Fig. **GROUNDWATER GRADIENT**



Depths to groundwater measured on

March 21, 1998

Groundwater gradient value and direction is calculated from groundwater elevations in Monitoring Wells 1, 5, and 6.

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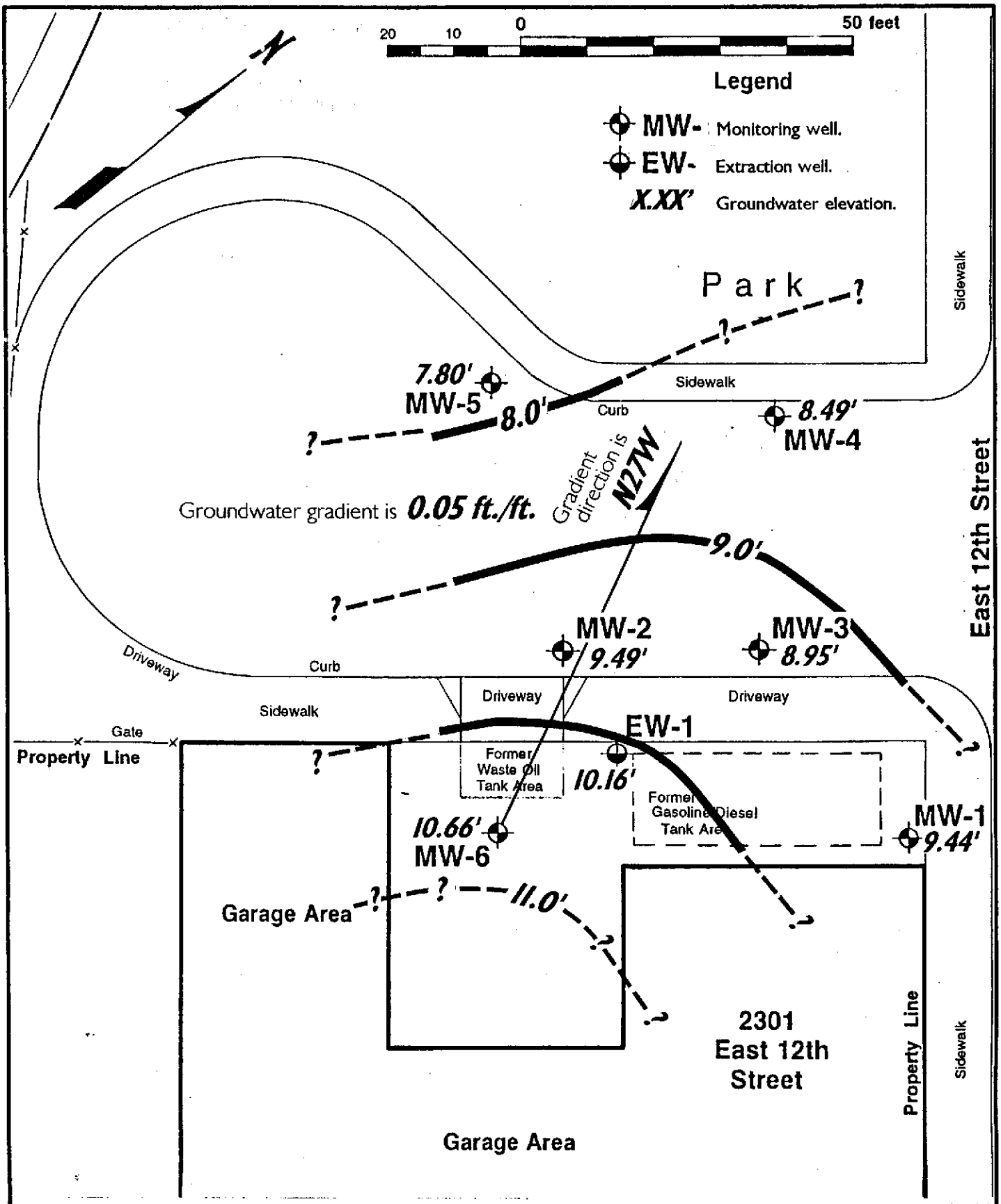
Fig.

GROUNDWATER GRADIENT



Depths to groundwater measured on

December 12, 1997

Groundwater gradient value and direction is calculated from groundwater elevations in Monitoring Wells 1, 5, and 6.

EPIGENE INTERNATIONAL	Project No. 97-008 2301 East 12th Street, Oakland, California.
Fig.	**GROUNDWATER GRADIENT**