Table 1.18A
Average Concentration of VOCs in Exposition 'A' and 'B' Groundwater Zones
Within 10,000 ppb-Contour
Pemaco Superfund Site, Maywood, California

	Well ID:	MW-17-70	MW-18-70	MW-19-70	MW-17-85	MW-18-85	MW-19-90	Average VOC Concentration (µg/L)
	Zone:	A	A	A	B	B	B	
	Collection Date:	12/5/2001	1/22/2002	12/6/2001	12/14/2001	1/22/2002	12/6/2001	
Parameter	**Units**							
1,1,1-Trichloroethane	µg/L	0.5	85	25	100	85	0.5	59.1
1,1,2,2-Tetrachloroethane	µg/L	0.5	85	25	100	85	0.5	59.1
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/L	0.5	85	25	100	85	0.5	59.1
1,1-Dichloroethane	µg/L	1	85	25	100	85	2	59.4
1,1-Dichloroethene	µg/L	10	85	25	100	12	2	44.8
1,2,4-Trichlorobenzene	µg/L	0.5	85	25	100	85	0.5	59.1
1,2-Dibromo-3-Chloropropane	µg/L	2.5	85	225	500	85	2.5	179.5
1,2-Dibromoethane	µg/L	0.5	85	25	100	85	0.5	59.1
1,2-Dichlorobenzene	µg/L	0.5	85	25	100	85	0.5	59.1
1,2-Dichloroethane	µg/L	0.25	85	12.5	50	85	0.25	46.55
1,2-Dichloropropane	µg/L	0.5	85	25	100	85	0.5	59.1
1,3-Dichlorobenzene	µg/L	0.5	85	25	100	85	0.5	59.1
1,4-Dichlorobenzene	µg/L	0.5	85	25	100	85	0.5	59.1
2-Butanone	µg/L	0.5	85	25	100	85	0.5	59.1
2-Hexanone	µg/L	5	85	225	1000	85	5	280
4-Methyl-2-pentanone	µg/L	0.5	85	25	100	85	0.5	59.1
Acetone	µg/L	2300	85	1600	2600	10000	5	2858
Benzene	µg/L	1	85	12.5	50	85	0.25	46.55
Bromochloromethane	µg/L	0.5	85	25	100	85	0.5	59.1
Bromodichloromethane	µg/L	0.5	85	25	100	85	0.5	59.1
Bromoform	µg/L	0.5	85	25	100	85	0.5	59.1
Bromomethane	µg/L	0.5	85	25	100	85	0.5	59.1
Carbon Disulfide	µg/L	5	85	225	140	85	5	108
Carbon Tetrachloride	µg/L	0.25	85	12.5	50	85	0.25	46.55
Chlorobenzene	µg/L	0.5	85	25	100	85	0.5	59.1
Chloroethane	µg/L	0.5	85	25	100	85	0.5	59.1
Chloroform	µg/L	5	85	25	100	85	6	60.2
Chloromethane	µg/L	0.5	85	25	100	85	0.5	59.1
cis-1,2-Dichloroethene	µg/L	330	1600	85	100	2400	59	848.8
cis-1,3-Dichloropropene	µg/L	0.25	85	12.5	50	85	0.25	46.55
Cyclohexane	µg/L	0.25	46	12.5	100	46	0.25	40.95
Dibromochloromethane	µg/L	0.5	85	25	100	85	0.5	59.1
Dichlorodifluoromethane	µg/L	0.5	85	25	100	85	0.5	59.1
Ethylbenzene	µg/L	0.5	85	25	100	85	0.5	59.1
Hexane	µg/L	0.5	85	25	100	85	0.5	59.1
Isopropylbenzene	µg/L	0.5	85	25	100	85	0.5	59.1
Methyl Acetate	µg/L	0.5	85	25	100	85	0.5	59.1
Methyl tert-Butyl Ether	µg/L	0.5	85	25	100	85	0.5	59.1
Methylcyclohaxane	µg/L	0.5	85	25	100	85	5	60
Methylene Chloride	µg/L	5	85	225	1000	85	5	280
Styrene	µg/L	0.5	85	25	100	85	0.5	59.1
Tetrachloroethene	µg/L	9	85	25	100	85	2	59.4
Toluene	µg/L	3	85	25	100	85	1	59.2
trans-1,2-Dichloroethene	µg/L	23	15	25	100	85	2	45.4
trans-1,3-Dichloropropene	µg/L	0.25	85	12.5	50	85	0.25	46.55
Trichloroethene	µg/L	27000	3400	5000	21000	2400	2000	6760
Trichlorofluoromethane	µg/L	5	85	225	1000	85	5	280
Vinyl Chloride	µg/L	27	85	12.5	50	780	4	186.3
Xylenes (total)	µg/L	0.4	85	25	100	85	0.5	59.1
Total VOCs		**29746.65**	**8886**	**8747.5**	**31140**	**19293**	**2125.5**	

Total Average VOCs, 'A' Zone	**15793.38**
Total Average VOCs, 'B' Zone	**17519.50**
Total Average VOCs	**16656.44**

Notes:
1.) Wells were selected to be representative of the Exposition 'A' and 'B' Zone Source Area, or area within the 10,000 ppb-contour of the composite Exposition 'A' and 'B' TCE plume.
2.) Half-values of detection limits were used when an analyte was not detected at or above the laboratory method detection limit.

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