

**Appendix A**  
**Ebasco Analytical Data**

# SOIL SAMPLE INVENTORY SUMMARY

DATE/ LOCATION	EPA SAMPLE #	EBASCO SAMPLE #	TIME	SAMPLE TYPE	DEPTH (FT)
08/21/87 838W3B Originally W6B	BL615	TB-1	0607	Trip Blank	—
	BN002, HBL222	HWB38-0	0841	Chemical	0-2
	BL076, HBL224	HWB38-5	0902	Chemical	5-7
	BN001, HBL221	FB-1	1140	Field Blank	—
08/24/87 New Location 838W3B	BL621	TB-2	0630	Trip Blank	—
	BL079, HBL226	HWB38-0	1056	Chemical-Colocate	0-2
	BL080, HBL227	HWB38-5	1110	Chemical-Colocate	5-7
	BL078, HBL225	FB-2	1227	Field Blank	—
09/03/87 838W6B	BL620	TB-3	0800	Trip Blank	—
	BL616, HBL529	HWB81	0800	Chemical	0-2
	BL622, HBL223	HWB82	0830	Chemical	5-7
	BL617, HBL524	FB-3	0830	Field Blank	—
09/11/87 838W4B	BL621	TB-4	0700	Trip Blank	—
	BL618, HBL525	HW4B-1	0800	Chemical	0-2
	BL619, HBL526	HW4B-2	0830	Chemical	5-7
	BL620, HBL527	FB-4	0700	Field Blank	—
09/16/87 838W5B	BL622	TB-5	0730	Trip Blank	—
	BL624, HBL711	HW5B-1	0912	Chemical	0-2
	BL625, HBL712	HW5B-2	0921	Chemical	5-7
	BL665, HBL713	HW5B-3	0941	Chemical	10-12
	BL623, HBL710	FB-5	1030	Field Blank	—
09/22/87 838W7B	BL667	TB-6	0940	Trip Blank	—
	BL666	HW7B-1	1024	Chemical	0-2
	BL669, HBL528	HW7B-2	1031	Chemical	5-7
	BL668, HBL715	FB-6	1045	Field Blank	—
10/02/87 838W17B	BL644	TB-7	0700	Trip Blank	—
	BL841, HBL787	HW17B-1	0920	Chemical	0-2
	BL842, HBL788	HW17B-2	0938	Chemical	5-7
	BL826, HBL786	HW17B-3	0951	Chemical	10-12
	BL843, HBL789	FB-7	0752	Field Blank	—
10/14/87 828W12B	BL846	TB-8	0955	Trip Blank	—
	BL847, HBL791	FB-8	1015	Field Blank	—
	BL805, HBL531	DB-8	1000	Distilled Blank	—
	BL839, HBL534	HW12B-1	1310	Chemical	0-2
	BL065, HBL536	HW12B-10	1310	Duplicate	0-2
	BN456, HBL535	HW12B-2	1325	Chemical	5-7
	BN760, HBL537	HW12B-3	1340	Chemical	10-12
	BN762, HBL530	HW12B-3D	1340	Duplicate	10-12

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TABLE 3-5

MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW38-5 NO 838W38 (Originally W68)				Diethylphthalate	85J	380	Beta-BHC	120	9	Aluminum	7950	40	FB-1	TB-1
				Phenanthrene	110J	380				Antimony	7.37J	12		
				Fluoranthene	220J	380				Barium	37.3	40		
				Pyrene	330J	380				Cadmium	2.21	1		
				Benzo(a)Anthracene	178J	380				Calcium	11600	1000		
				Chrysene	198J	380				Chromium	107M /CO	2		
				Benzo(b)Fluoranthene	140J	380				Cobalt	4.84	10		
				Benzo(k)Fluoranthene	140J	380				Copper	18.4	5		
				Benzo(a)Pyrene	110J	380				Iron	21800	20		
										Lead	39.4	1		
										Magnesium	2680	1000		
										Manganese	193	3		
										Potassium	712	1000		
										Sodium	282	1000		
										Vanadium	22.4	10		
MW38-0 Benzene 838W38 (Originally W68)	1.0J	5		Phenanthrene	180J	370	NO			Aluminum	7940	40	FB-1	TB-1
				Fluoranthene	430J	370				Antimony	7.02J	12		
				Pyrene	340J	370				Barium	56.8	40		
				Benzo(a)Anthracene	280J	370				Cadmium	2.21	1		
				Chrysene	330J	370				Calcium	17100	1000		
				Benzo(b)Fluoranthene	540J	370				Chromium	93.6 M	2		
				Benzo(a)Pyrene	240J	370				Cobalt	4.85	10		
				Indeno(1,2,3-cd) Pyrene	210J	370				Iron	13500	20		
										Lead	181	1		
										Magnesium	5420	1000		
										Manganese	202	3		
										Potassium	1180	1000		
										Sodium	488	1000		
										Vanadium	21.4	30		
MW38-5 No Reliable Data 838W38 (New Location)				No Reliable Data			No Reliable Data			Aluminum	13400	40	FB-2	TB-2
										Antimony	628	12		
										Arsenic	9.2	2		
										Barium	38	40		
										Beryllium	0.4	1		
										Calcium	1060	1000		
										Chromium	4240 /CO	10		
										Copper	32J	10		
										Iron	15000	20		
										Magnesium	2240	1000		
										Manganese	107	3		
										Mercury	0.15	0.4		
										Nickel	16	8		
										Potassium	1420	1000		
										Selenium	2.2	1		
										Vanadium	20	10		
										Zinc	70J	4		
MW38-0 NO 838W38 (New Location)				Phenanthrene	55J	340	NO			Aluminum	6800	40	FB-2	TB-2
				Fluoranthene	95J	340				Arsenic	37 /CO	2		
				Pyrene	120J	340				Barium	85	40		
				Benzo(a)Anthracene	55J	340				Beryllium	1.0	1		
				Chrysene	88J	340				Cadmium	1.6	1		
				Benzo(b)Fluoranthene	150J	340				Calcium	3710	1000		
				Benzo(k)Fluoranthene	150J	340				Chromium	78	2		
				Benzo(a)Pyrene	58J	340				Copper	69J	5		
										Iron	14700	20		
										Magnesium	2990	1000		
										Manganese	316	3		
										Mercury	0.32	0.04		
										Nickel	17	8		
										Potassium	1310	1000		
										Selenium	6.1 /	1		
										Sodium	135	1000		
										Thallium	1.4	2		
										Zinc	232J	4		

B = Present in Laboratory blank.  
 J = Estimated value.  
 ND = Not detected.  
 NA = Not available.  
 R = Rejected value due to exceedance of one or more data validation criteria.  
 X = GC/MS Library Search.  
 O = Diluted Sample.  
 M = Spike sample recovering is not within control limits.  
 S = Method of Standard addition.  
 P = Non-distinguishable isomer.

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TABLE 3-5(Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field	Trip		
Sample	Conc.	DL	Conc.	DL	Conc.	DL	Conc.	DL	Compound	Conc.	DL	Blank	Blank		
ID	Compound	(ppb)	Compound	(ppb)	Compound	(ppb)	Compound	(ppb)	Compound	(ppm)	(ppm)	ID	ID		
MW6B-1	Data Not Received										Aluminum	7530	40	FB-3	TB-3
									Arsenic	7.7	2				
									Barium		40				
									Beryllium	1	1				
									Calcium		1000				
									Chromium	0.7	2				
									Copper	34E	5				
									Iron	13800	20				
									Lead	60	1				
									Magnesium	3290N					
									Manganese	233J	3				
									Mercury	0.25J	0.04				
									Nickel	14	8				
									Potassium	460	1000				
									Sodium	444E	1000				
									Vanadium	15	10				
									Zinc	127N					
MW6B-2	Data Not Received										Aluminum	11500	40	FB-3	TB-3
									Arsenic	3.0	2				
									Barium	59	40				
									Beryllium	1.0	1				
									Calcium	2650	1000				
									Chromium	116 JCB	2				
									Cobalt	10	10				
									Copper	21E	5				
									Iron	13800	20				
									Lead	36	1				
									Magnesium	1660N					
									Manganese	99J	3				
									Mercury	1.74J	0.04				
									Nickel	17	8				
									Potassium	554	1000				
									Selenium	0.15	1				
									Sodium	132E	1000				
									Vanadium	27	10				
									Zinc	114N					

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TABLE 3-5(Cont'd)

MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW48-1	C9 Alkanes/Alkenes	29JX		Acenaphthylene	120J	450	Heptachlor epoxide	51J	100	Aluminum	13100	40	FB-4	TB-4
				Phenanthrene	620	450	alpha-Chlordane	350J	1000	Antimony	280	12		
				Anthracene	130 J	450	gamma-Chlordane	240J	1000	Arsenic	6.6	2		
				Fluoranthene	1000	450				Barium	103	40		
				Pyrene	1000	450				Beryllium	0.5	1		
				Benzo(a)Anthracene	490	450				Calcium	10400	1000		
				Chrysene	640	450				Chromium	27	2		
				Benzo(k)Fluoranthene	470	450				Copper	40	5		
				Benzo(a)Pyrenanthene	640	450				Iron	19100	20		
				Indeno(1,2,3-cd)Pyrene	400J	450				Lead	228 /oo	1		
				Alkyl Phenanthrene	690JX					Magnesium	3370	1000		
										Manganese	321	3		
										Mercury	0.24	0.04		
										Nickel	19	8		
										Potassium	1100	1000		
MW48-2	Toluene	690	49	Naphthalene	1100	410	ND			Aluminum	5520	40	FB-4	TB-4
				2-Methylnaphthalene	570	410				Antimony	260	12		
				Di-n-Butylphthalate	140J	410				Barium	43	40		
				Pyrene	50J	410				Beryllium	0.5	1		
				bis(2-Ethylhexyl) Phthalate	230J	410				Calcium	2190	1000		
										Chromium	21	2		
										Copper	10	5		
										Iron	14600	20		
										Lead	20	1		
										Magnesium	1380	1000		
										Manganese	531	3		
										Potassium	851	1000		
										Vanadium	14	10		
										Zinc	39	4		

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SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MMSB-1	Tetrachloroethene	60J	25	Acenaphthylene	600J	1650	ND			Aluminum	7430E	200	FB-5	TB-5
				Phenanthrene	2600	1650				Antimony	11J	12		
				Anthracene	310J	1650				Arsenic	12J	2		
				Fluoranthene	2700	1650				Barium	7	40		
				Pyrene	3000	1650				Cadmium	2.6	1		
				Benzo(a)Anthracene	800J	1650				Calcium	3240	1000		
				bis(2-Ethylhexyl) Phthalate	190J	1650				Chromium	51N	2		
				Chrysene	1600J	1650				Cobalt	5.4	10		
				Benzo(b)Fluoranthene	16000J	1650				Copper	30	5		
				Benzo(k)Fluoranthene	16000J	1650				Iron	12300	20		
				Indene(1,2,3-cd) Pyrene	1100J	1650				Lead	2315	ND		
				Benzo(g,h,i)Perylene	1200J	1650				Magnesium	2400	1000		
				Methyl Anthracene	1100JX					Manganese	2320N	3		
				Isomer						Mercury	0.18	0.04		
				Methyl Phenanthrene	1200JX					Nickel	16	8		
				Isomer						Potassium	278	1000		
				Methyl Phenanthrene	1700JX					Selenium	0.9J	1		
				Isomer						Sodium	278	1000		
				Methyl Phenanthrene	890JX					Vanadium	27	10		
				Isomer						Zinc	98	4		
				2-Phenylnaphthalene	1400JX									
				+ 9,10-Anthracene-dione										
				Dimethyl Phenanthrene Isomer	1600JX									
				11 H-Benzo(b) Fluorene	2200JX									
MMSB-2	Tetrachloroethene	44J	25	Phenanthrene	66J	330	ND			Aluminum	6830E	40	FB-5	TB-5
				Fluoranthene	76J	330				Antimony	9.7J	12		
				Pyrene	59J	330				Arsenic	1.6J	2		
				Chrysene	41J	330				Barium	32	40		
				Benzo(b)Fluoranthene	840J	330				Cadmium	1.4	1		
				Benzo(k)Fluoranthene	840J					Calcium	783	1000		
				1-Propene, 2-bromo	330JX					Chromium	7.2N	2		
				Benzene, 1-bromo-4-chloro	690JX					Cobalt	4.7	10		
				1,3-Cyclopentanedione, 2-bromo	550JX					Copper	5.6	5		
										Iron	9100	20		
										Lead	7.8	1		
										Magnesium	1780	1000		
										Manganese	299	3		
										Nickel	10	8		
										Potassium	648	1000		
MMSB-2	Toluene	10J	25							Selenium	0.8	1		
										Sodium	72	1000		
										Vanadium	7.9	10		
										Zinc	22	4		

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TABLE 3-5(Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW58-3	Trichloroethene	103	25	Phenanthrene	86J	330	ND			Aluminum	5940E	40	FB-5	TB-5
	Benzene	123	25	Fluoranthene	94J	330				Antimony	103	12		
	Tetrachloroethene	113	25	Pyrene	84J	330				Arsenic	1.8J	2		
	Toluene	133	25	bis(2-Ethylhexyl) Phthalate	45J	330				Barium	39	40		
	Chlorobenzene	153	25	Chrysene	51J	330				Cadmium	1.5	1		
				Benzo(b)Fluoranthene	100					Calcium	1210	1000		
				Benzo(k)Fluoranthene	100					Chromium	9.1N	2		
				1-Propene, 2-Bromo	630JX					Cobalt	5.1	10		
				Propanoic Acid, 2-methyl-i-(1,1	320JX					Copper	5.7	5		
										Iron	9308	20		
										Lead	13	1		
										Magnesium	1670	1000		
										Manganese	302EN	3		
										Nickel	9.1	8		
										Potassium	835	1000		
										Selenium	0.9J	1		
										Sodium	152	1000		
										Vanadium	8.9	10		
										Zinc	20	4		
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MW78-1	Toluene	23	7	Benzyl Alcohol	230J	1000	4,4'-DDT	27	180	NA			FB-6	TB-6
				Benzoic Acid	13000	4900								
				Phenanthrene	510J	1000								
				Fluoranthene	670J	1000								
				Pyrene	500J	1000								
				Benzo(a)Anthracene	380J	1000								
				Chrysene	440J	1000								
				Benzo(b)Fluoranthene	620J	1000								
				Benzo(k)Fluoranthene	620J	1000								
				Benzo(a)Pyrene	280J	1000								
				Benzaldehyde	860J	1000								
				Piperidine, 1-(1-oxo-3-Phenyl	360JX									
				Azulene, 1,2,3,3A-Tetrahydro	4400JX									
				1-Decosanol	700JX									
				Benzenesulfonic Acid, .alpha.-	600JX									
				3-Octadecene, (e)-	1400JX									
				3-Oxatricyclo [4.1.1.-2,4] Oct	4700JX									
				Furan, Tetrahydro-2, 5-Diisopropylidene-2-one	630JX									
				dca-friedosulcanan-2-one	3800JX									
				Docosane	3600JX									
				2,6,10-Dodecatricarboxylic Acid	430JX									
				Iron, Tricarbonyl [n-(Phenyl)-Heptadecane, 8-Methyl-	3600JX									
					710JX									

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TABLE 3-5 (Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/Cd/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW78-2	Toluene	13	5	3-Hexen-2-one, 5-methyl-	260JX		ND			Aluminum	6950	40	FB-6	TB-6
										Antimony	9.0J	12		
										Arsenic	4.5M	2		
										Barium	41	40		
										Beryllium	0.5	1		
										Cobalt	5.6J	10		
										Copper	6.5	5		
										Iron	11100	20		
										Lead	7.45	1		
										Magnesium	1332	1000		
										Manganese	105	3		
										Potassium	683	1000		
										Selenium	0.4J	1		
										Vanadium	14J	10		
MW178-1	ND			Acenaphthylene	90J	740	ND			Aluminum	9250	40	FB-7	TB-7
				Phenanthrene	1300	740				Arsenic	18	2		
				Anthracene	210J	740				Barium	151	40		
				Fluoranthene	1800	740				Beryllium	6.0	1		
				Pyrene	1900	740				Calcium	5370	1000		
				Benzo(a)Anthracene	820	740				Cobalt	55	10		
				bis(2-Ethylhexyl) Phthalate	290J	740				Copper	1280J	5		
				Chrysene	950	740				Iron	35900	20		
				Benzo(b)Fluoranthene	880	740				Magnesium	3760	1000		
				Benzo(b)Fluoranthene	620J	740				Manganese	448	3		
				Benzo(a)Pyrene	770	740				Mercury	0.3	0.04		
				Indeno(1,2,3-cd)Pyrene	480J	740				Nickel	211	100		
				Pyrene	560J	740				Potassium	996	1000		
				Benzo(g,h,i)Pyrene	450JX					Sodium	1330	1000		
				5-(2-propenyl)-1,3-benzodioxole						Tin	491J	25		
										Zinc	7910J	350	4	

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# DRAFT

TABLE 3-5(Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN <sup>-</sup> /Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW17B-2	No Reliable Data			No Reliable Data			No Reliable Data			Aluminum	6930	40	FB-7	TB-7
										Arsenic	6.2	2		
										Beryllium	2.7	1		
										Calcium	1380	1000		
										Copper	172J 178	5		
										Iron	17000	20		
										Lead	264 100	1		
										Magnesium	1633	1000		
										Manganese	343	3		
										Nickel	38	8		
										Potassium	838	1000		
										Zinc	952J 350	4		
MW17B-3	NO			Phenanthrene	180J	730	NO			Aluminum	3440	40	FB-7	TB-7
				Fluoranthene	208J	730				Barium	52	40		
				Pyrene	190J	730				Calcium	19400	1000		
				bis(2-Ethylhexyl) Phthalate	280J	730				Iron	10900	20		
				Chrysene	120J	730				Lead	5.7	1		
										Magnesium	1700	1000		
										Manganese	363	3		
										Potassium	1030	1000		
										Zinc	14J	4		
MW12B-1	Acetone	163	12	1,2 Propanediol	1200JX		4,4'-DDE	4.3J	16	Aluminum	4460	40	FB-6	TB-6
										Arsenic	6.6	2		
										Barium	159J	40		
										Calcium	4450	1000		
										Copper	29	5		
										Iron	6630	20		
										Magnesium	1870	1000		
										Manganese	141	3		
										Nickel	11	8		
										Potassium	564	1000		
										Vanadium	25	10		
										Zinc	38	4		

B = Present in Laboratory blank.  
 J = Estimated value.  
 NO = Not detected.  
 NA = Not available.  
 R = Rejected value due to exceedance of one or more data validation criteria.  
 X = GC/MS Library Search.  
 D = Diluted Sample.  
 M = Spike sample recovering is not within control limits.  
 S = Method of Standard addition.

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TABLE 3-5(Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
SOIL BORINGS ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppm)	DL (ppm)		
MW12B-1D	NO			Di-n-butylphthalate	1000	390	NO			Aluminum	8440	40	FB-8	TB-8
				Fluoranthene	420	390				Arsenic	8.9	2		
				Pyrene	400	390				Barium	2413	40		
				1,2-Propanediol	5100JX					Calcium	4450	1000		
										Cobalt	7.4	10		
										Copper	38	5		
										Iron	12700	20		
										Magnesium	3500	1000		
										Manganese	154	3		
										Nickel	17	8		
										Potassium	2340	1000		
										Vanadium	32	10		
										Zinc	60	4		
MW12B-2	Acetone	13	12	1,2-Propanediol	2000JX		NO			Aluminum	3440	40	FB-8	TB-8
										Barium	1273	40		
										Calcium	2660	1000		
										Copper	10	5		
										Iron	4400	20		
										Lead	5.55	1		
										Magnesium	1140	1000		
										Manganese	38	3		
										Nickel	7.9	8		
										Potassium	331	1000		
										Vanadium	8	10		
MW12B-3	NO			NO			NO			Aluminum	1770	40	FB-8	TB-8
										Barium	563	40		
										Calcium	9750	1000		
										Copper	15	5		
										Iron	4620	20		
										Magnesium	1750	1000		
										Manganese	170	3		
										Potassium	347	1000		
MW12B-3D	Acetone	378	18	bis(2-Ethylhexyl) phthalate	630	410	NO			Aluminum	1840	40	FB-8	TB-8
										Barium	703	40		
										Calcium	6930	1000		
										Copper	11	5		
										Iron	4600	20		
										Lead	45	1		
										Magnesium	1520	1000		
										Manganese	139	3		
										Nickel	5.3	8		
										Potassium	316	1000		
										Vanadium	5.6	10		

B = Present in Laboratory blank.  
 J = Estimated value.  
 NO = Not detected.  
 NA = Not available.  
 R = Rejected value due to exceedance of one or more data validation criteria.  
 X = GC/MS Library Search.  
 D = Diluted Sample  
 M = Spike sample recovering is not within control limits.  
 S = Method of Standard addition

Tabl -6  
EBASCO 1988 SURVEY  
GROUNDWATER SAMPLE INVENTORY SUMMARY

DATE/ LOCATION	EPA SAMPLE #	EBASCO SAMPLE #	TIME	SAMPLE TYPE
03/31/88 B38W3B	BQ-346, MBP-092	MW3B-W1	1720	Low Level H <sub>2</sub> O
	BP-399, MBP-093	FB-9	1850	Low Level H <sub>2</sub> O
	BQ-347	TB-9	1600	Low Level H <sub>2</sub> O
	BQ-611, MBP-095	FI-9	1640	Low Level H <sub>2</sub> O
04/01/88 B38W4B	BQ-745, MBP-096	MW4B-W1	1010	Low Level H <sub>2</sub> O
	BP-400, MBP-094	FB-10	0830	Low Level H <sub>2</sub> O
	BQ-348	TB-10	0840	Low Level H <sub>2</sub> O
04/01/88 B38W5B	BQ-746, MBP-097	MW5B-W1	1044	Low Level H <sub>2</sub> O
03/31/88 B38W6B	BQ-345, MBM-697	MW6B-W1	1600	Low Level H <sub>2</sub> O
03/31/88 B38W7B	BQ-343, MBM-695	MW7B-W1	1440	Low Level H <sub>2</sub> O
	BQ-344, MBM-696	MW7B-W1D	1440	Low Level H <sub>2</sub> O
04/01/88 B38W12A	BQ-747, MBP-098	MW12A-W1	1110	Low Level H <sub>2</sub> O
04/01/88 B38W12B	BQ-748, MBP-099	MW12B-W1	1125	Low Level H <sub>2</sub> O
03/31/88 B38W17A	BQ-341, MBM-693	MW17A-W1	1220	Low Level H <sub>2</sub> O
03/31/88 B38W17B	BQ-342, MBM-694	MW17B-W1	1200	Low Level H <sub>2</sub> O

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TABLE 3-7 (Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
WATER SAMPLES ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)		
MW78-W10 (Cont'd)										Cobalt	13	8.1		
										Copper	58	6.6		
										Iron	28900 E	85		
										Magnesium	9910 E	78		
										Manganese	-2440 ESD	0.04		
										Nickel	52	22		
										Potassium	15400	443		
										Silver	38	7.2		
										Sodium	41908 E	75		
										Vanadium	45	22		
										Zinc	210 E	2.1		
MW12A-W1 Unknown (1)				Unknowns (3)			alpha-BHC	0.080	0.05	Aluminum	37900	192	FB-10	TB-10
				Unknown Hydrocarbons (1)			gamma-BHC			Arsenic	18	1.3		
							(Lindane)	0.05	0.05	Barium	1060 E	0.7		
							Endosulfan I	0.056	0.05	Cadmium	4.6	1.2		
							4,4'-DDT	0.15	.01	Calcium	565000 E	20		
										Chromium	162 ESD	4.5		
										Cobalt	29	8.1		
										Copper	73	6.6		
										Iron	58200 E	85		
										Lead	96	SD 5		
										Magnesium	20800 E	78		
										Manganese	1510 ESD	0.04		
										Nickel	118	22		
										Potassium	7500	443		
										Silver	80 SD	7.2		
										Sodium	52800 E	75		
										Thallium	2.1	2		
										Vanadium	93	22		
										Zinc	290 E	2.1		

B = Present in Laboratory blank.  
 E = Estimated Values for Metals/CN/Phenols.  
 J = Estimated value.  
 ND = Not detected.  
 NA = Not available.  
 R = Rejected value due to exceedance of one or more data validation criteria.  
 X = GC/MS Library Search.  
 D = Diluted Sample.  
 M = Spike sample recovering is not within control limits.  
 S = Method of Standard Addition

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TABLE 3-7 (Cont'd)  
 HAYWOOD CHEMICAL COMPANY SITE  
 WATER SAMPLES ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN <sup>-</sup> /Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)		
HM7B-W1	1,2-Dichloroethene	13	S	Phenol	30	10	Aldrin	0.11	.1	Aluminum	347	192	FB-9	TB-9
	4-Methyl-2-Pentamene	4 J	S	Unknown (13)						Barium	295 E	0.7		
	Ethylbenzene	29	S	Unknown Hydrocarbons (4)						Calcium	226000 E	20		
	Benzene	10000 D	330							Chromium	30 E	4.5		
	Unknown Hydrocarbons (1)									Iron	17400 E	85		
	Unknowns (7)									Magnesium	19700 E	78		
HM7B-W1 MD		10 R		Unknown (3)			MD			Manganese	4350 E	50 0.04	FB-9	TB-9
										Potassium	14600	443		
										Silver	23	7.2		
										Sodium	11300 E	75		
										Aluminum	20300	192		
										Arsenic	4.9	1.3		
HM7B-W1D MD				Unknown (3)			MD			Barium	294 E	0.7	FB-9	TB-9
										Cadmium	2.1	1.2		
										Calcium	80400 E	0.09		
										Cobalt	16	8.1		
										Copper	66	6.6		
										Iron	28900 E	85		
HM7B-W1D MD				Unknown (3)			MD			Magnesium	9960 E	78	FB-9	TB-9
										Manganese	2470 E	50 0.04		
										Nickel	82	22		
										Potassium	15100	443		
										Silver	48	7.2		
										Sodium	41600 E	75		
HM7B-W1D MD				Unknown (3)			MD			Vanadium	45	22	FB-9	TB-9
										Zinc	322 E	2.1		
										Aluminum	21000	192		
										Arsenic	3.2	1.3		
HM7B-W1D MD				Unknown (3)			MD			Barium	278 E	0.7	FB-9	TB-9
										Beryllium	1.4	0.09		
										Cadmium	2.3	1.2		
										Calcium	82200 E	20		

B = Present in Laboratory blank.  
 E = Estimated Values for Metals/CN<sup>-</sup>/Phenols.  
 J = Estimated value.  
 MD = Not detected.  
 NA = Not available.  
 R = Rejected value due to exceedance of one or more data validation criteria.  
 S = GC/MS Library Search.  
 D = Diluted Sample  
 M = Spike sample recovering is not within control limits.  
 S = Method of Standard addition

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TABLE 3-7

MAYWOOD CHEMICAL COMPANY SITE  
WATER SAMPLES ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN-/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)		
MW3B-W1	Ethylbenzene	4 B3	5	1,3-Dichlorobenzene	53	10	beta-BHC	0.36	.1	Aluminum	303	192	FB-9	TB-9
	Benzene	940 B	31	UNKNOWN (18)			4,4'-DDT	0.33	1 ppb .1	Antimony	102	34		
										Arsenic	2	1.3		
										Barium	12 E	0.7		
										Beryllium	0.1	0.09		
										Calcium	424000 E	20		
										Chromium	6.3 E	4.5		
										Iron	27800 E	85		
										Magnesium	67500 E	78		
										Manganese	8640 E	50 0.04		
										Potassium	14300	443		
										Silver	43	7.2		
										Sodium	292000 E	75		
MW4B-W1	Benzene	15		2,4-Dimethylphenol	8 J	50	ND			Aluminum	208	192	FB-10	TB-10
	Toluene	110	S	2,4-Dichlorophenol	3 J	50				Barium	323 E	0.7		
			S	Naphthalene	53	10				Calcium	100000 E	20		
				2-Methylnaphthalene	6 J	10				Iron	3520 E	85		
										Magnesium	9360 E	78		
										Manganese	11400 E	50 0.04		
										Potassium	1670	443		
										Sodium	46100 E	75		
MW5B-W1				Diethylphthalate	7 J	10	Diieldrin	0.14	.1	Aluminum	726	192	FB-10	TB-10
							4,4'-DDD	0.31	.1	Arsenic	2.3	1.3		
							4,4'-DDT	0.13	.1	Barium	122 E	0.7		
										Cadmium	2.6	1.2		
										Calcium	81800 E	20		
										Chromium	78 E	50 4.5		
										Copper	13	6.6		
										Iron	1340 E	85		
										Lead	15	5		
										Magnesium	8460 E	78		
										Manganese	78 E	50 0.04		
										Nickel	57	22		
										Potassium	1470	443		
										Sodium	12300 E	75		
										Zinc	56 E	2.1		

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 E = Estimated Values for Metals/CN-/Phenols.  
 J = Estimated value.  
 ND = Not detected.  
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 X = GC/MS Library Search.  
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TABLE 3-7 (Cont'd)  
MAYWOOD CHEMICAL COMPANY SITE  
WATER SAMPLE ANALYTICAL RESULTS

Sample ID	Volatile Organics			Semi-Volatile Organics			Pesticides/PCBs			Metals/CN/Phenols			Field Blank ID	Trip Blank ID
	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)	Compound	Conc. (ppb)	DL (ppb)		
MW12B-W1	Trichloroethene Unknown(1)	S	S	Unknowns (4)			NO			Barium	91 E	0.7	FB-10	TB-10
										Calcium	84300 E	20		
										Iron	356 E	85		
										Lead	3.3	5		
										Magnesium	18500 E	78		
										Manganese	34 E	0.04		
										Potassium	2780	443		
										Sodium	19100 E	75		
MW17A-W1	NO			Unknowns (3)	8 J	NO				Aluminum	93900	192	FB-9	TB-9
										Antimony	51	34		
										Arsenic	11	1.3		
										Barium	1630 E	0.7		
										Beryllium	9.8	0.09		
										Cadmium	4.3	1.2		
										Calcium	185000 E	20		
										Chromium	223 E	4.5		
										Cobalt	88	8.1		
										Copper	200	6.6		
										Iron	126000 E	85		
										Lead	155	5		
										Magnesium	38000 E	78		
										Manganese	6430 E	0.04		
										Nickel	234	22		
										Potassium	40900	442		
										Silver	178	7.2		
										Sodium	58000 E	75		
										Vanadium	178	22		
										Zinc	504 E	2.1		
MW17B-W1	Benzene	21	S	3-Octanone Unknowns (16) Hydrocarbon (1)	72 JX		NO			Aluminum	4080	192	FB-9	TB-9
										Antimony	37	34		
										Arsenic	16	1.3		
										Barium	174 E	0.7		
										Cadmium	150	1.2		
										Calcium	219000 E	20		
										Chromium	60 E	4.5		
										Cobalt	8.9	8.1		
										Copper	25	6.6		
										Iron	11300 E	85		
										Lead	38	5		
										Magnesium	21600 E	78		
										Manganese	3730 E	0.04		
										Nickel	60	22		
										Potassium	10300	443		
										Selenium	3.1	3.1		
										Silver	15	7.2		
										Sodium	209000 E	75		
										Zinc	184 E	2.1		

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JX = Estimated value.  
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