US EPA RECORDS CENTER REGION 5
465860

BLACK & VEATCH
SPECIAL PROJECTS CORP.

101 North Wacker Drive, Suite 1100, Chicago, Illinois 60606, (312) 346-3775

USEPA Region 5
American Chemical Services 80-5PJ7

BVSPC Project 71670
BVSPC File C.3
October 26, 1997

Ms. Sheri Bianchin
U.S. Environmental Protection Agency
77 West Jackson Boulevard (HSR-6J)
Chicago, Illinois 60604

Subject: Missing Data Pages for the June 1997 Groundwater Split Sampling Data

Dear Ms. Bianchin:

Enclosed are copies of four pages of analytical data that were missing from the June 1997 groundwater split sampling data packages we received from U.S. Environmental Protection Agency Region V. Patricia Scott, EPA Region V, arranged to have the missing pages faxed to me; however, I did not receive them until after I had sent you the Data Evaluation Report on October 24, 1997. I have also enclosed the revised data comparison table (Table 1) from the report to include the missing data. Please insert the enclosed pages into the report. Please contact me at 312/346-3775 if you have any questions or desire additional information.

Sincerely,

BLACK & VEATCH SPECIAL PROJECTS CORP.

Steve Mrkvicka
Site Manager

Enclosures

cc: P. Hendrixson, USEPA w/o enclosures
E. Howard, USEPA w/o enclosures

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Table 5 (Continued)
June 199[illegible] per and Lower Aquifer
Monitoring Well Sample Data Comparison
American Chemical Services, Inc.

Compound/Analyte	Sample Location/Concentration (µg/l)							
	MW18 (Upper Aquifer)		MW46 (Upper Aquifer)		MW50 (Lower Aquifer)		MW51 (Lower Aquifer)	
	EBZA2 USEPA	PRP	EBZA7 USEPA	PRP	EBZA8 USEPA	PRP	EBZA4RE USEPA	PRP
Semivolatile Organic Compounds								
Phenol	6 U	10 U	5 U	10 U	23	18	12	25 J
bis(2-Chloroethyl)ether	5 U	10 U	4 J	4 J	5 U	10 U	5 U	10 U
2-Chlorophenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
1,3-Dichlorobenzene	--	10 U	--	10 U	--	10 U	--	10 U
1,4-Dichlorobenzene	--	10 U	--	10 U	--	10 U	--	10 U
1,2-Dichlorobenzene	--	10 U	--	10 U	--	10 U	--	10 U
2-Methylphenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,2'-oxybis-(1-Chloropropane)	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
4-Methylphenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
N-Nitroso-di-n-propylamine	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Hexachloroethane	5 U	10 UJ	5 U	10 U	5 U	10 U	5 U	10 UJ
Nitrobenzene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Isophorone	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2-Nitrophenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dimethylphenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
bis(2-Chloroethoxy)methane	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dichlorophenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
1,2,4-Trichlorobenzene	--	10 U	--	10 U	--	10 U	--	10 U
Naphthalene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
4-Chloroaniline	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorobutadiene	5 U	10 UJ	5 U	10 U	5 U	10 U	5 U	10 UJ
4-Chloro-3-methylphenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2-Methylnaphthalene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorocyclopentadiene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4,6-Trichlorophenol	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4,5-Trichlorophenol	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
2-Chloronaphthalene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
Dimethylphthalate	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Acenaphthylene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,6-Dinitrotoluene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
3-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
Acenaphthene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dinitrophenol	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
4-Nitrophenol	20 U	25 UJ	20 U	25 U	20 U	25 U	20 U	25 UJ
Dibenzofuran	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dinitrotoluene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Diethylphthalate	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
4-Chlorophenyl-phenylether	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Fluorene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
4-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
4,6-Dinitro-2-methylphenol	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
N-Nitrosodiphenylamine	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
4-Bromophenyl-phenylether	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorobenzene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U

T[illegible] 5 (Continued)
June 199[illegible] per and Lower Aquifer
Monitoring Well Sample Data Comparison
American Chemical Services, Inc.

Compound/Analyte	Sample Location/Concentration (µg/l)							
	MW18 (Upper Aquifer)		MW46 (Upper Aquifer)		MW50 (Lower Aquifer)		MW51 (Lower Aquifer)	
	EBZA2 USEPA	PRP	EBZA7 USEPA	PRP	EBZA8 USEPA	PRP	EBZA4RE USEPA	PRP
Pentachlorophenol	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U
Phenanthrene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Anthracene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Carbazole	--	10 U	--	10 U	--	10 U	--	10 U
Di-n-butylphthalate	5 U	10 U	5 U	10 U	2 J	10 U	5 U	10 U
Fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Pyrene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Butylbenzylphthalate	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
3,3'-Dichlorobenzidine	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(a)anthracene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Chrysene	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
bis(2-Ethylhexyl)phthalate	**8**	**15**	**89 E**	**10 U**	**66**	**2 J**	1 J	10 U
Di-n-octylphthalate	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Benzo(b)fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Benzo(k)fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Benzo(a)pyrene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Indeno(1,2,3-cd)pyrene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Dibenzo(a,h)anthracene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
Benzo(g,h,i)perylene	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U
SVOA TICs	0	0	0	3	2	9	11	19
Pesticides								
Alpha-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Beta-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Delta-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Lindane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Heptachlor	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Aldrin	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Heptachlor Epoxide	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Endosulfan I	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Dieldrin	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDE	0.020 U	0.10 UJ	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 UJ
Endrin	0.020 U	0.10 UJ	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 UJ
Endosulfan II	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDD	0.020 U	0.10 UJ	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 UJ
Endosulfan Sulfate	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDT	0.020 U	0.10 UJ	0.020 U	0.10 U	0.013 J	0.10 U	0.020 U	0.10 UJ
Methoxychlor	0.10 U	0.50 U	0.10 U	0.50 U	0.10 U	0.50 U	0.10 U	0.50 U
Endrin Ketone	0.020 U	0.10 UJ	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 UJ
Endrin Aldehyde	0.020 U	0.10 UJ	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 UJ
Alpha-chlordane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Gamma-chlordane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Toxaphene	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U

Table 5 (Continue)
June 1997 Upper and Lower Aquifer
Monitoring Well Sample Data Comparison
American Chemical Services, Inc.

Compound/Analyte	Sample Location/Concentration (µg/l)					
	MW11 (Upper Aquifer)		MW37 (Upper Aquifer)		MW8 (Lower Aquifer)	
	EBZB3 USEPA	PRP	EBZB7 USEPA	PRP	EBYZ7 USEPA	PRP
Semivolatile Organic Compounds						
Phenol	5 U	5 J	14 U	23	5 U	10 U
bis(2-Chloroethyl)ether	5 U	10 U	5 U	10 U	5 U	10 U
2-Chlorophenol	5 U	10 U	5 U	10 U	5 U	10 U
1,3-Dichlorobenzene	--	10 U	--	10 U	--	10 U
1,4-Dichlorobenzene	--	10 U	--	10 U	--	10 U
1,2-Dichlorobenzene	--	10 U	--	10 U	--	10 U
2-Methylphenol	5 U	10 U	5 U	10 U	5 U	10 U
2,2'-oxybis-(1-Chloropropane)	5 U	10 U	5 U	10 U	5 U	10 U
4-Methylphenol	5 U	10 U	5 U	10 U	5 U	10 U
N-Nitroso-di-n-propylamine	5 U	10 U	5 U	10 U	5 U	10 U
Hexachloroethane	5 U	10 U	5 U	10 U	5 U	10 U
Nitrobenzene	5 U	10 U	5 U	10 U	5 U	10 U
Isophorone	5 U	10 U	5 U	10 U	5 U	10 U
2-Nitrophenol	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dimethylphenol	5 U	10 U	5 U	10 U	5 U	10 U
bis(2-Chloroethoxy)methane	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dichlorophenol	5 U	10 U	5 U	10 U	5 U	10 U
1,2,4-Trichlorobenzene	--	10 U	--	10 U	--	10 U
Naphthalene	5 U	10 U	5 U	10 U	5 U	10 U
4-Chloroaniline	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorobutadiene	5 U	10 U	5 U	10 U	5 U	10 U
4-Chloro-3-methylphenol	5 U	10 U	5 U	10 U	5 U	10 U
2-Methylnaphthalene	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorocyclopentadiene	5 U	10 U	5 U	10 U	5 U	10 U
2,4,6-Trichlorophenol	5 U	10 U	5 U	10 U	5 U	10 U
2,4,5-Trichlorophenol	20 U	25 U	20 U	25 U	20 U	25 U
2-Chloronaphthalene	5 U	10 U	5 U	10 U	5 U	10 U
2-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U
Dimethylphthalate	5 U	10 U	5 U	10 U	5 U	10 U
Acenaphthylene	5 U	10 U	5 U	10 U	5 U	10 U
2,6-Dinitrotoluene	5 U	10 U	5 U	10 U	5 U	10 U
3-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U
Acenaphthene	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dinitrophenol	20 U	25 U	20 U	25 U	20 U	25 U
4-Nitrophenol	20 U	25 U	20 U	25 U	20 U	25 U
Dibenzofuran	5 U	10 U	5 U	10 U	5 U	10 U
2,4-Dinitrotoluene	5 U	10 U	5 U	10 U	5 U	10 U
Diethylphthalate	5 U	10 U	5 U	10 U	5 U	10 U
4-Chlorophenyl-phenylether	5 U	10 U	5 U	10 U	5 U	10 U
Fluorene	5 U	10 U	5 U	10 U	5 U	10 U
4-Nitroaniline	20 U	25 U	20 U	25 U	20 U	25 U
4,6-Dinitro-2-methylphenol	20 U	25 U	20 U	25 U	20 U	25 U
N-Nitrosodiphenylamine	5 U	10 U	5 U	10 U	5 U	10 U
4-Bromophenyl-phenylether	5 U	10 U	5 U	10 U	5 U	10 U
Hexachlorobenzene	5 U	10 U	5 U	10 U	5 U	10 U

Table 5 (Continued)
June 1997 Upper and Lo[illegible] quifer
Monitoring Well Sample Data Comparison
American Chemical Services, Inc.

Compound/Analyte	Sample Location/Concentration (µg/l)					
	MW11 (Upper Aquifer)		MW37 (Upper Aquifer)		MW8 (Lower Aquifer)	
	EBZB3 USEPA	PRP	EBZB7 USEPA	PRP	EBYZ7 USEPA	PRP
Pentachlorophenol	20 U	25 U	20 U	25 U	20 U	25 U
Phenanthrene	5 U	10 U	5 U	10 U	5 U	10 U
Anthracene	5 U	10 U	5 U	10 U	5 U	10 U
Carbazole	--	10 U	--	10 U	--	10 U
Di-n-butylphthalate	5 U	10 U	5 U	10 U	5 U	10 U
Fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U
Pyrene	5 U	10 U	5 U	10 U	5 U	10 U
Butylbenzylphthalate	5 U	10 U	5 U	10 U	5 U	10 U
3,3'-Dichlorobenzidine	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(a)anthracene	5 U	10 U	5 U	10 U	5 U	10 U
Chrysene	5 U	10 U	5 U	10 U	5 U	10 U
bis(2-Ethylhexyl)phthalate	5 U	7 J	16	34	32	10 U
Di-n-octylphthalate	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(b)fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(k)fluoranthene	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(a)pyrene	5 U	10 U	5 U	10 U	5 U	10 U
Indeno(1,2,3-cd)pyrene	5 U	10 U	5 U	10 U	5 U	10 U
Dibenzo(a,h)anthracene	5 U	10 U	5 U	10 U	5 U	10 U
Benzo(g,h,i)perylene	5 U	10 U	5 U	10 U	5 U	10 U
SVOA TICs	1	2	0	4	0	2
Pesticides						
Alpha-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Beta-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Delta-BHC	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Lindane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Heptachlor	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Aldrin	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Heptachlor Epoxide	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Endosulfan I	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Dieldrin	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDE	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Endrin	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Endosulfan II	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDD	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Endosulfan Sulfate	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
p,p'-DDT	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Methoxychlor	0.10 U	0.50 U	0.10 U	0.50 U	0.10 U	0.50 U
Endrin Ketone	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Endrin Aldehyde	0.020 U	0.10 U	0.020 U	0.10 U	0.020 U	0.10 U
Alpha-chlordane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Gamma-chlordane	0.010 U	0.050 U	0.010 U	0.050 U	0.010 U	0.050 U
Toxaphene	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U

1LCB

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EBZA7

Lab Name: REI Contract: 68-D6-0061

Lab Code: ROLLIN Case No.: 25525 SAS No.: SDG No.: EBZA7

Lab Sample ID: EBZA7 Date Received: 06/25/97

Lab File ID: 26506B.D Date Extracted: 06/25/97

Sample Volume: 1000 (ML) Date Analyzed: 06/27/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL)

MW-46

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
108-95-2	Phenol	5	U
111-44-4	bis(2-Chloroethyl) ether	4	J
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	U
108-60-1	2,2'-oxybis-(1-Chloropropane)	5	U
106-44-5	4-Methylphenol	5	U
621-64-7	n-Nitroso-di-n-propylamine	5	U
67-72-1	Hexachloroethane	5	U
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	U
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	bis(2-chloroethoxy) methane	5	U
120-83-2	2,4-Dichlorophenol	5	U
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
59-50-7	4-Chloro-3-methylphenol	5	U
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronapthalene	5	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	5	U
208-96-8	Acenapththylene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	5	U

1LCF

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EBZA2

Lab Name: REI Contract: 68-D6-0061

Lab Code: ROLLIN Case No.: 25525 SAS No.: SDG No.: EBZA7

Lab Sample ID: EBZA2 Date Received: 06/26/97

Lab File ID: 26634B.D Date Extracted: 06/26/97

Sample Volume: 1000 (ML) Date Analyzed: 06/30/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL)

MW18

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. ug/L	Q

1LCC

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EBZB7

MW37

Lab Name: REI Contract: 68-D6-0061

Lab Code: ROLLIN Case No.: 25525 SAS No.: SDG No.: EBZA7

Lab Sample ID: EBZB7 Date Received: 06/26/97

Lab File ID: 26640B.D Date Extracted: 06/26/97

Sample Volume: 1000 (ML) Date Analyzed: 06/30/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl phenyl ether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	n-Nitrosodiphenylamine(1)	5	U
101-55-3	4-Bromophenyl phenyl ether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butyl benzyl phthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a) anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl) phthalate	16	
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b) fluoranthene	5	U
207-08-9	Benzo(k) fluoranthene	5	U
50-32-8	Benzo(a) pyrene	5	U
193-39-5	Indeno (1,2,3-cd) pyrene	5	U
53-70-3	Dibenz (ah) anthracene	5	U
191-24-2	Benzo (ghi) perylene	5	U

(1) - Cannot be separated from Diphenylamine

1LCC

EPA SAMPLE NO.

LOW CONC. WATER SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EBYZ7

Lab Name: REI Contract: 68-D6-0061

Lab Code: ROLLIN Case No.: 25525 SAS No.: SDG No.: EBZA7

MW8

Lab Sample ID: EBYZ7 Date Received: 06/26/97

Lab File ID: 26636B.D Date Extracted: 06/26/97

Sample Volume: 1000 (ML) Date Analyzed: 06/30/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
7005-72-3	4-Chlorophenyl phenyl ether	5	U
86-73-7	Fluorene	5	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	n-Nitrosodiphenylamine(1)	5	U
101-55-3	4-Bromophenyl phenyl ether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butyl benzyl phthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a) anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl) phthalate	32	
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b) fluoranthene	5	U
207-08-9	Benzo(k) fluoranthene	5	U
50-32-8	Benzo(a) pyrene	5	U
193-39-5	Indeno (1,2,3-cd) pyrene	5	U
53-70-3	Dibenz (ah) anthracene	5	U
191-24-2	Benzo (ghi) perylene	5	U

(1) - Cannot be separated from Diphenylamine