74-15-1 (7/87) - 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee
TELEPHONE NUMBER: 716 4315611
REGION NO: 6

CONTRACT LAB: Cannon Chem
SAMPLING DATE: May 21 '88
TIME: 130
☐ AM ☒ PM

SAMPLING POINT: 2 LD4
COUNTY: Oswego

NEEDED FOR DIVISION OF WATER PROGRAMS.

SPDES Number ______ Outfall Number ______ Flow ______ MGD

DEC ID NUMBER (Contact Regional Code Custodian): RA 010 0501 1300101

TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ______ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ______

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES) - includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles - USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 - Water
☐ 10. USEPA 601 - Water
☐ 11. USEPA 602 - Water
☐ 12. Std. WWTP. BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) - Water - INCLUDES 14-18
☐ 15. Inorganic - Water
☐ 16. Base Neutral Acids (BNA) - Water
☐ 17. Volatile Organic Analysis (VOA) - Water
☐ 18. Pesticides/PCBs - Water
☐ 19. (ALL) Soil/Sediments - INCLUDES 19-23
☐ 20. Inorganic - Soil/Sediment
☐ 21. BNA - Soil/Sediment
☐ 22. VOA - Soil/Sediment
☐ 23. Pesticides/PCBs - Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA - 8240
☒ 29. BNA - 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSB-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSHR-01)
☐ RSGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSHR-01

☐ 31. Other (Specify) ______

Fill in the above information for each sample submitted to a **contract** laboratory. When completed, send Part 1 of this form to New York State Department of Environmental Conservation, 50 Wolf Road, Room 317, Albany, New York 12233-0001. Telephone: (518) 457-7470. Send Part 2 of this form to the contract lab **with the sample.** Retain Part 3 for your record.

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

74 15-1 (7/87)– 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee | TELEPHONE NUMBER: 518/457-677 | REGION NO: 6

CONTRACT LAB: Compuchem | SAMPLING DATE: May 4 1990 | TIME: 1320 | ☐ AM ☒ PM

SAMPLING POINT: MW-2 L-56 | COUNTY: Cattaraugus

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): 9-06-041 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)– includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602– Water
☐ 12. Std WWTP. BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water – INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments- INCLUDES 19-23
☐ 15. Inorganic -Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA) –Water
☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs – Water
☐ 23. Pesticides/PCB's- Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA- 8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ HSP1-01 (EP Toxicity-Metals only + RSRR 01
☐ RSGP-01 ☐ RSRB-01 ☐ RSRO 01 ☐ RSSB-01 ☐ RSRH-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee | TELEPHONE NUMBER: 518 457 4477 | REGION NO: 5

CONTRACT LAB: Compuchem | SAMPLING DATE: 7/11/90 | TIME: 1410 ☐ AM ☒ PM

SAMPLING POINT: P&S LD6 | COUNTY: Clinton

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): PAOC 047720103 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)- Includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles- USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 – Water
☐ 10. USEPA 601- Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms – N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) -Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)– Water
☐ 21. BNA –Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 22. VOA– Soil/Sediment
☐ 18. Pesticides/PCBs—Water
☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA- 8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSSR-01
☐ RSGA-01 ☐ RSRB-01 ☐ RSHO-01 ☐ RSSB-01 ☐ RSRA-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87) -9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert Newman | TELEPHONE NUMBER: 315 457 3677 | REGION NO: 6

CONTRACT LAB: Connecticut | SAMPLING DATE: 5/7/90 | TIME: 1500 ☐ AM ☒ PM

SAMPLING POINT: PW3 LR6 | COUNTY: Cayuga

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): 6-606 0001 73001 04 | TYPE OF SAMPLE: ☒ Grab ☐ Composite ____ Term ____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 603.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs—Water
☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA—8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSSR-01
☐ RSGR-01 ☐ RSRB-01 ☐ RSBO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ____

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CAUTION (check if applicable)

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74-15 I (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee | TELEPHONE NUMBER: 315 [illegible]77 | REGION NO: 7

CONTRACT LAB: Converdyn | SAMPLING DATE: 5/7/90 | TIME: 1045 ☒ AM ☐ PM

SAMPLING POINT: [redacted] PAS LDS | COUNTY: Oswego

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): R7010 0507 73 10105 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—Includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 -Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA) -Water
☐ 22. VOA -Soil/Sediment
☐ 18. Pesticides/PCBs—Water
☐ 23. Pesticides/PCB's- Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA- 8240
☒ 29. BNA- 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only – RSRR-01
☐ RGGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Ed Malone | TELEPHONE NUMBER: 457-7477 | REGION NO.: 6

CONTRACT LAB: Columbia | SAMPLING DATE: 5/5/90 | TIME: 1100 ☒ AM ☐ PM

SAMPLING POINT: MW-3 LD3 | COUNTY: Otsego

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): RAOU 6-1 72.11.06 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—Includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles– USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602– Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-16
☐ 15. Inorganic—Water
☐ 16. Base Neutral Acids (BNA) –Water
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 18. Pesticides/PCBs– Water
☐ 19. (ALL) Soil/Sediments –INCLUDES 19-23
☐ 20. Inorganic –Soil/Sediment
☐ 21. BNA –Soil/Sediment
☐ 22. VOA– Soil/Sediment
☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA– 8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSD-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSRH-01)
☐ RSGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSNR-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee | TELEPHONE NUMBER: 315 426 7560 | REGION NO: 7

CONTRACT LAB: Centrol Chem | SAMPLING DATE: 5/7/90 | TIME: 1120 ☒ AM ☐ PM

SAMPLING POINT: PA-2 LS1 | COUNTY: Cay

NEEDED FOR DIVISION OF WATER PROGRAMS

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): R7010 0567 1370167 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES) –includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 –Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms. + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 15. Inorganic—Water
☐ 16. Base Neutral Acids (BNA)—Water
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 18. Pesticides/PCBs—Water
☐ 19. (ALL) Soil/Sediments– INCLUDES 19-23
☐ 20. Inorganic—Soil/Sediment
☐ 21. BNA—Soil/Sediment
☐ 22. VOA—Soil/Sediment
☐ 23. Pesticides/PCB's –Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA—8240
☒ 29. BNA– 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only – RSRR-01
☐ RSGR-01 ☐ RSRB-01 ☐ RSBO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87)—3a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert Montrose | TELEPHONE NUMBER: 914 2311 | REGION NO: 3

CONTRACT LAB: Chemtech | SAMPLING DATE: 2/5/90 | TIME: 1135 ☒ AM ☐ PM

SAMPLING POINT: MS 452 | COUNTY: Orange

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number _____ Outfall Number _____ Flow _____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): 3-3046-00471/13-00108 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term _____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—includes 2 6
☐ 2. Metals (SPDES)
☐ 3. Volatiles– USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601– Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA– Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs– Water
☐ 23. Pesticides/PCB's –Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA –8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSRR-01
☐ RSGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) _____

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CAUTION (check if applicable)

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74-15-1 (7/87) - 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Paul McManus | TELEPHONE NUMBER: 518/457-7470 | REGION NO: 6

CONTRACT LAB: Compuchem | SAMPLING DATE: 4/6/90 | TIME: ☐ AM ☒ PM 1:25

SAMPLING POINT: MW-203 | COUNTY: Cattaraugus

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): 906 051 73107 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles– USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std WWTP: BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic– Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 22. VOA –Soil/Sediment
☐ 18. Pesticides/PCBs– Water
☐ 23. Pesticides/PCB's –Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA -8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + PSR3-01
☐ RSGP-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ____

Fill in the above information for each sample submitted to a **contract** laboratory. When completed, send Part 1 of this form to New York State Department of Environmental Conservation, 50 Wolf Road, Room 317, Albany, New York 12233-0001. Telephone: (518) 457-7470. Send Part 2 of this form to the contract lab **with the sample.** Retain Part 3 for your record.

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: [illegible] | TELEPHONE NUMBER: [illegible] | REGION NO. [illegible]

CONTRACT LAB: [illegible] | SAMPLING DATE: [illegible] | TIME: [illegible] ☐ AM ☒ PM

SAMPLING POINT: [illegible] | COUNTY: [illegible]

NEEDED FOR DIVISION OF WATER PROGRAMS

SPDES Number ______ Outfall Number ______ Flow ______ MGD

DEC ID NUMBER (Contract Regional Code Custodian) [illegible] | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ______ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ______

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles -USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602 -Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)- Water -INCLUDES 14-18
☐ 15. Inorganic—Water
☐ 16. Base Neutral Acids (BNA) —Water
☐ 17. Volatile Organic Analysis (VOA)- Water
☐ 18. Pesticides/PCBs—Water
☐ 19. (ALL) Soil/Sediments -INCLUDES 19-23
☐ 20. Inorganic—Soil/Sediment
☐ 21. BNA—Soil/Sediment
☐ 22. VOA—Soil/Sediment
☐ 23. Pesticides/PCB's— Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA- 8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSD-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSDR-01)
☐ RSGR-01 ☐ RSHB-01 ☐ RSHO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ______

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CAUTION (check if applicable)

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74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee
TELEPHONE NUMBER: 3845(?)8677
REGION NO: 0(?)

CONTRACT LAB: Comp(?) Chem
SAMPLING DATE: 4/3/96(?)
TIME: 3:35 ☐ AM ☒ PM

SAMPLING POINT: MS 6R2(?)
COUNTY: [illegible]

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): [illegible]

TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—Includes 2-6
☐ 2. Metals (SPDES)
☐ 3. Volatiles - USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601 - Water
☐ 11. USEPA 602 - Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) - Water - INCLUDES 14-18
☐ 15. Inorganic—Water
☐ 16. Base Neutral Acids (BNA) - Water
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 18. Pesticides/PCBs—Water
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 20. Inorganic—Soil/Sediment
☐ 21. BNA - Soil/Sediment
☐ 22. VOA - Soil/Sediment
☐ 23. Pesticides/PCB's - Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA—8240
☒ 29. BNA - 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSRI-01 (EP Toxicity-Metals only + RSRR-01
☐ RSGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSS-01 ☐ RSRR-01

☐ 31. Other (Specify) ____

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CAUTION (check if applicable)

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74-15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee | TELEPHONE NUMBER: 315/477 | REGION NO.: 0

CONTRACT LAB: Curtin Chem | SAMPLING DATE: 5/7/90 | TIME: 340 | ☐ AM ☒ PM

SAMPLING POINT: PA 3 LAB | COUNTY: Cayuga

NEEDLO FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): EAUO 0417 3000 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Time ____ hrs

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136):

☐ 1. All (SPDES)—includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 - Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP. BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs - Water
☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA - 8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSP-01 ☐ RSRP-01 (EP Toxicity Metals only – HSRR-01
☐ RSGN-01 ☐ RSPD-01 ☐ HSRO-01 ☐ HSSR-01 ☐ NSRR-01

☐ 31. Other (Specify) ____

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74 15-1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert McNamee
TELEPHONE NUMBER: 724-7516 77
REGION NO: 6

CONTRACT LAB: Con-test Chem
SAMPLING DATE: 9/18/90
TIME: 3 55 ☐ AM ☒ PM

SAMPLING POINT: MW 5 LD8
COUNTY: Oswego

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): FACIL 6X-1 73/ICH 3
TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES) - includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 -Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP. BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms - N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18
☐ 15. Inorganic—Water
☐ 16. Base Neutral Acids (BNA)—Water
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 18. Pesticides/PCBs—Water
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 20. Inorganic—Soil/Sediment
☐ 21. BNA—Soil/Sediment
☐ 22. VOA—Soil/Sediment
☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA—8240
☒ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only - RSRR-01
☐ RSGR-01 ☐ RSHB-01 ☐ RSHO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ____

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CAUTION (check if applicable)

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74-15-1 (7/87)– 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert J. McNamee | TELEPHONE NUMBER: 5/4/1977 | REGION NO: 0

CONTRACT LAB: Chemtech | SAMPLING DATE: 5/5/96 | TIME: ☐ AM ☑ PM 3:40

SAMPLING POINT: PA 2 LEB Motor Lake | COUNTY: Onondaga

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ___ Outfall Number ___ Flow ___ MGD

DEC ID NUMBER (Contact Regional Code Custodian): P4076 0571 73401M5 | TYPE OF SAMPLE: ☑ Grab ☐ Composite Term ___ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ___

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES) –includes 2-8 ☐ 2. Metals (SPDES) ☐ 3. Volatiles – USEPA 624 (SPDES)
☐ 4. Acids (SPDES) ☐ 5. Base/Neutrals (SPDES) ☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES) ☐ 8. PCBs only (SPDES)

☐ 9. USEPA 502.1 – Water ☐ 10. USEPA 601 – Water ☐ 11. USEPA 602 – Water
☐ 12. Std. WWTP. BOD, COD, SOLIDS, pH ☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) – Water – INCLUDES 14-18 ☐ 19. (ALL) Soil/Sediments – INCLUDES 19-23
☐ 15. Inorganic – Water ☐ 20. Inorganic – Soil/Sediment
☐ 16. Base Neutral Acids (BNA) – Water ☐ 21. BNA – Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA) Water ☐ 22. VOA – Soil/Sediment
☐ 18. Pesticides/PCBs Water ☐ 23. Pesticides/PCB's – Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity ☐ 25. EP Toxicity (Metals Only) ☐ 26. Ignitability
☐ 27. Corrosivity ☒ 28. VOA – 8240 ☒ 29. BNA – 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ PSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSRR-01
☐ RSGR-01 ☐ RSRD-01 ☐ HSRO-01 ☐ HSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ___

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CAUTION (check if applicable)

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74-15-1 (7/87)- 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert [illegible] TELEPHONE NUMBER: [illegible] REGION NO: 0

CONTRACT LAB: [illegible] SAMPLING DATE: [illegible] TIME: 3:40 ☐ AM ☑ PM

SAMPLING POINT: [illegible] COUNTY: [illegible]

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian) [illegible]

TYPE OF SAMPLE: ☑ Grab ☐ Composite Term ____ hrs

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☑ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) ____

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—Includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles —USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water
☐ 10. USEPA 601—Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP. BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 params + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) -Water- INCLUDES 14-18
☐ 15. Inorganic —Water
☐ 16. Base Neutral Acids (BNA)—Water
☐ 17. Volatile Organic Analysis (VOA)—Water
☐ 18. Pesticides/PCBs—Water
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 20. Inorganic—Soil/Sediment
☐ 21. BNA—Soil/Sediment
☐ 22. VOA Soil/Sediment
☐ 23. Pesticides/PCB's —Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☑ 28. VOA 8240
☑ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ RSGR-01 ☐ RSSH 01 ☐ RSRI 01 (EP Toxicity-Metals only + RSHR-01
☐ RSGR-01 ☐ RSHR-01 ☐ RSHO-01 ☐ RSSB-01 ☐ RSHR-01

☐ 31. Other (Specify) ____

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74-15 1 (7/87) - 9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert Montanez | TELEPHONE NUMBER: 518 457 3677 | REGION NO: 0

CONTRACT LAB: Compuchem | SAMPLING DATE: 2-5-88 | TIME: ☐ AM ☐ PM

SAMPLING POINT: Trip blank | COUNTY: Lewis

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ____ Outfall Number ____ Flow ____ MGD

DEC ID NUMBER (Contact Regional Code Custodian): ERA 10 0927 73 00181 | TYPE OF SAMPLE: ☒ Grab ☐ Composite Term ____ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other (Specify) TRIP BLANK

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—includes 2-8
☐ 2. Metals (SPDES)
☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES)
☐ 5. Base/Neutrals (SPDES)
☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES)
☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1 – Water
☐ 10. USEPA 601 – Water
☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH
☐ 13. Extended WWTP 10 parms – N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL) – Water—INCLUDES 14-18
☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water
☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water
☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)– Water
☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs—Water
☐ 23. Pesticides/PCBs – Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity
☐ 25. EP Toxicity (Metals Only)
☐ 26. Ignitability
☐ 27. Corrosivity
☒ 28. VOA – 8240
☐ 29. BNA – 8270

30. MUNICIPAL SLUDGE

☐ RSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only + RSRR-01
☐ HSGR-01 ☐ RSRB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ____

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74-15 1 (7/87)—9a

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

SUBMITTED BY: Robert J. McAlinney [illegible] | TELEPHONE NUMBER: [illegible] | REGION NO: [illegible]

CONTRACT LAB: CompuChem | SAMPLING DATE: | TIME: | ☐ AM ☐ PM

SAMPLING POINT: Trip blank day 2 | COUNTY: [illegible]

NEEDED FOR DIVISION OF WATER PROGRAMS:

SPDES Number ______ Outfall Number ______ Flow ______ MGD

DEC ID NUMBER (Contact Regional Code Custodian): [illegible] | TYPE OF SAMPLE: ☐ Grab ☐ Composite Term ______ hrs

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other (Specify) Trip blank

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)

☐ 1. All (SPDES)—Includes 2-8 ☐ 2. Metals (SPDES) ☐ 3. Volatiles—USEPA 624 (SPDES)
☐ 4. Acids (SPDES) ☐ 5. Base/Neutrals (SPDES) ☐ 6. Cyanide (SPDES)
☐ 7. Pesticides/PCBs (SPDES) ☐ 8. PCBs only (SPDES)

☐ 9. USEPA 503.1—Water ☐ 10. USEPA 601—Water ☐ 11. USEPA 602—Water
☐ 12. Std. WWTP, BOD, COD, SOLIDS, pH ☐ 13. Extended WWTP 10 parms + N&P

CONTRACT LABORATORY PROTOCOLS

☐ 14. (ALL)—Water—INCLUDES 14-18 ☐ 19. (ALL) Soil/Sediments—INCLUDES 19-23
☐ 15. Inorganic—Water ☐ 20. Inorganic—Soil/Sediment
☐ 16. Base Neutral Acids (BNA)—Water ☐ 21. BNA—Soil/Sediment
☐ 17. Volatile Organic Analysis (VOA)—Water ☐ 22. VOA—Soil/Sediment
☐ 18. Pesticides/PCBs—Water ☐ 23. Pesticides/PCB's—Soil/Sediment

HAZARDOUS WASTES

☐ 24. EP Toxicity ☐ 25. EP Toxicity (Metals Only) ☐ 26. Ignitability
☐ 27. Corrosivity ☒ 28. VOA—8240 ☐ 29. BNA—8270

30. MUNICIPAL SLUDGE

☐ PSGB-01 ☐ RSSR-01 ☐ RSR1-01 (EP Toxicity-Metals only) ☐ RSRR-01
☐ RSGR-01 ☐ RSHB-01 ☐ RSRO-01 ☐ RSSB-01 ☐ RSRR-01

☐ 31. Other (Specify) ______

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COMPUCHEM LABORATORIES, INC. P.O. Box 12552 3308 Chapel Hill / Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

May 31, 1990

Mr. Jack Ryan
New York D.E.C.
50 Wolf Road
Room 224
Albany, NY 12233

Subject: Report of Data - DEC Case # RA090 SDG# 0507
Account# 255501 - Order# 20124

Dear Mr. Ryan:

We at CompuChem® are pleased to provide our report for the analysis you requested. This report covers 28 sample(s) received by CompuChem® on 05/08/90 and 05/09/90.

Your ID Number	Our ID Number	Analysis Code	Description of Work Requested
73800105	337832	780	Volatiles - (TCL) TARGET COMPOUND
73800106	337833		LIST - 3rd Ed. - Method 8240
73800107	337834		(Style 9)
73800108	337835		
73800109	337839		
73800110	337838		
73800111	337836		
73800112	337837		
73800113	337840		
738001TB2	337841		
73800101	337389		
73800102	337390		
73800103	337391		
73800104	337392		
738001TB1	337377		
73800105	337842	793	Semi-Volatiles- 3rd Ed.- Method
73800106	337843		8270 (Style (9)
73800107	337844		
73800108	337845		
73800109	337849		
73800110	337848		
73800111	337846		
73800112	337847		
73800113	337850		
73800101	337381		
73800102	337382		
73800103	337383		
73800104	337385		

COMPUCHEM
LABORATORIES, INC.

In this report we have included the analytical results, the method references, and the quality control data. To obtain additional technical information concerning this report, please contact your Sales Representative at 1/919-549/8263. In addition to resolving your questions, they can provide you with a complete overview of our line of services and assist you in identifying those services which will effectively and efficiently support your monitoring program.

Sincerely,

Elise L. Cobb
Supervisor, Report Deliverables

cc: Mr. Bob McNamee
New York D.E.C
50 Wolf Road
Room 224
Albany, NY 12233

Mr. Jack Ryan
New York D.E.C.
50 Wolf Road
Room 224
Albany, NY 12233

I. SAMPLE DATA SUMMARY PACKAGE

The Sample Data Summary Package shall contain data for samples in one Sample Delivery Group of the Case, as follows:

1. Case Narrative

2. By fraction (VOA, BV, PEST) and by sample within each fraction – tabulated target compound results (Form I) and tentatively identified compounds (Form I, TIC) (VOA and BV only)

3. By fraction (VOA, BV, PEST) – surrogate spike analysis results (Form II) by matrix (Water and/or Soil) and for soil, by concentration (Low or Medium)

4. By fraction (VOA, BV, PEST) – matrix spike/matrix spike duplicate results (Form III)

5. By fraction (VOA, BV, PEST) – blank data (Form IV) and tabulated results (Form I) including tentatively identified compounds (Form I, TIC) (VOA and BV only)

6. By fraction (VOA and BV only) – internal standard area data (Form VIII)

20124 01
CASE#: 20124 SDG#: 02 SAS#: _____

1. Case Narrative

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

Style 9 Case Narrative #20124
Client-New York D.E.C.
Account #255501
CompuChem Laboratories, Inc.

SAMPLE IDENTIFICATIONS: 73800101, 73800102, 73800103, 73800104, 73800105, 73800106, 73800107, 73800108, 73800109, 73800110, 73800111, 73800112, 73800113, 738001TB1, 738001TB2

These samples were received in good condition with the proper chains-of-custody (COCs) on the dates May 8th, and May 9th, 1990. Analyses were scheduled in accordance with the COCs. Method 8240 3rd ED. TCL VOA analyses were performed as requested. The samples were logged into the Laboratory Management System and stored at 4 degrees Celsiua.

VOLATILES:
The volatile fractions for this case were all analyzed within the prescribed holding time requirements. Target analytes were present in all the samples, in number from one(1) to ten(10) per analyais. The concentrations for the analytes ranged from below the contract required quantitation limit(CRQL), to well above. The more concentrated analytes were detected in sample 73800112, the original for the spike analyses. This sample was analyzed using 2000 microliters, instead of the customary 5000 microliters, due to significant concentrations of the xylene compounds.

QC SUMMARY
All surrogate recovery criteria were meh for all the samples analyzed in this case. The spike duplicate data generated for the case passed QC requirements excellently, but with one exception. Benzene failed the relative percent difference criterion. The blanks associated with the samples also met the QC requirements. Concentrations of methylene chloride and/or acetone were present in the associated blanks, these occurrences were flagged accordingly with the "B" footnote.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Toney C. Spruell 5-30-90
TONEY C. SPRUELL DATE 05/30/90
TECHNICAL REVIEWER

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

CASE NARRATIVE CASE #20124
SDG #02 CONTRACT # 255501
COMPUCHEM LABORATORIES, INC.

SAMPLE NUMBERS: 73800101 73800102 73800103 73800104
73800105 73800106 73800107 73800108
73800109 73800110 73800111 73800112
73800113

The samples listed above were received intact on 5-8-90 and 5-9-90. This narrative summarizee the analysis of these thirteen samples for semivolatiles by 8270 methodology.

SEMIVOLATILES:
All sample and QC fractions were initially extracted within holding times except for sample 73800112. For all samples which required reextraction, the reextraction could not be performed within holding times. Only in sample 73800112 was an analyte, aniline, detected at an amount above the detection limit. A dilution was neceseary in order to report aniline within analytical range. The samples contained 1 to 25 tentatively identified compounds (TICs). All sample and QC fractions met the surrogate recovery criteria except for samples 73800102, 73800104, 73800106, 73800107, 73800109, and 73800113 which a matrix effect affecting the acid surrogates was confirmed via duplicate analyses. The matrix spike duplicates met all accuracy and precision criteria. All associated method blanks met all QC criteria.

NOTE: THE "X" FOOTNOTE DENOTES THE COELUTION OF INDISTINGUISHABLE ISOMERS.

NOTE: THIS DATA PACKAGE WAS PAGINATED FOR REFERENCE AND ACCOUNTABILITY IN DECREASING NUMERICAL SEQUENCE.

I CERTIFY THAT THIS DATA PACKAGE IS IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE CONTRACT, BOTH TECHNICALLY AND FOR COMPLETENESS, FOR OTHER THAN THE CONDITIONS DETAILED ABOVE. RELEASE OF THE DATA CONTAINED IN THIS HARDCOPY PACKAGE AND IN THE COMPUTER-READABLE DATA SUBMITTED ON FLOPPY DISKETTE HAS BEEN AUTHORIZED BY THE LABORATORY

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

MANAGER OR HIS DESIGNEE AS VERIFIED BY THE FOLLOWING SIGNATURE.

Elisabeth R Nowell

ELISABETH ROBINS NOWELL
TECHNICAL REVIEWER
5-31-90

COMPUCHEM LABORATORIES

METHOD REFERENCE

To determine the concentration of Volatile organic compounds in a variety of waste matrices, CompuChem® employs the methods stated in the RCRA Method 8240.

As a point of information, the Priority Pollutants analytes present on the enclosed compound list have been validated for Method 8240 as required by SW-846.

Method Summary

The volatile compounds are introduced to the gas chromatograph by the direct injection, or the Purge-and-Trap Method (RCRA Method 5030). The components are separated via the gas chromatograph and detected using a mass spectrometer which is used to provide both qualitative and quantitative information. The chromatographic conditions as well as typical mass spectrometer operating parameters are given in the RCRA Method 8240.

A library search is performed by automated comparison of the unknown peak spectrum to the National Institute of Standards and Technology (NIST, formerly the National Bureau of Standards) mass spectral library. Estimated concentration is calculated using the known concentration and peak area of the closest internal standard while assuming a response factor of one for the unknown compound.

DATA REPORTING QUALIFIERS

VALUE – If the result is a value greater than or equal to the detection limit, report the value.

U – Indicates compound was analyzed but not detected. The sample Quantitation limit must be corrected for dilution and for percent moisture. For example, 10 U for phenol in water if the sample final volume is the protocol-specified final volume. If A 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(330\ U) \times df}{D} \qquad \text{Where } D = \frac{100 - \%\ \text{Moisture}}{100}$$

and df = dilution factor

$$\text{At 24\% moisture, } D = \frac{100-24}{100} = 0.76$$

$$\frac{(330\ U)}{.76} \times 10 = 4300\ U$$ rounded to the appropriate number of significant figures

For soil sample subjected to GCP clean-up procedures, the CRQL is also multiplied by 2, to account for the fact that only half of the extract is recovered.

J – Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero. For example, if the sample quantitation limit is 10 ug/l, but a concentration is 3 ug/l is calculated, report it as 3J. The Sample quantitation limit must be adjusted for both dilution and percent moisture as discussed for the U flag, so that if a sample with 24% moisture and a 1 to 10 dilution factor has a calculated concentration of 300 ug/l and a sample quantitation limit of 430 ug/kg, report the concentration as 300J on Form I.

DATA REPORTING QUALIFIERS - PAGE 2

C - This flag applies to pesticides results where the identification has been confirmed by GC/MS. Single Component pesticides ≥10 ng/ul in the final extract shall be confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified TCL compound.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. This flag will not apply to pesticides/PCBs analyzed by GC/EC methods. If one or more compounds have a response greater than full scale, the sample or extract must be diluted and re-analyzed according to the specifications. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on seperate Forms I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, The "DL" suffix is appended to the sample number on the Form I for the diluted sample and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that TIC is a suspected aldol-condensation product.

X - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the Case Narrative. If more than one is required, use "Y" and "Z", as needed. If more than five qualifiers are required for a sample result, use the "X" flag to combine several flags, as needed. For instance, the "X" flag might combine the "A", "B", and "D" flags for some sample.

COMPUCHEM LABORATORIES

REPORTING ANOMALIES

There is an anomaly on the Volatile reporting form. The dilution factor is relative only to Semi-volatile extracts and is not used for Volatiles. Dilutions are indicated by the sample weight/volume section on the header.

COMPUCHEM LABORATORIES

QUALITY ASSURANCE NOTICE

CompuChem has implemented the use of the Finnigan QA Formaster Program (Format A) in order to automatically generate reporting and summary forms directly from our mainframe computers. These computers are networked directly to our GC/MS instrumentation. While initially employing the Finnigan product to provide the deliverable requirements in EPA's Contract Laboratory Program (CLP), CompuChem has expanded its usage for non-CLP GC/MS analyses. By utilizing this software program, the frequency of clerical errors is minimized while the process of report generation is expedited. We have not, however, eliminated any of our multi-tiered data review steps.

Independent from the generation of reporting and summary forms, quantitation reports are generated by each of our GC/MS instruments. They utilize CompuChem-developed software to calculate results. It has been determined that the algorithm used by the Formaster Program is slightly different than CompuChem's quantitation software routine. Therefore, results presented in any supportive data supplied with our deliverables packages may be <u>slightly</u> different than those which appear on the hard copy forms generated via Formaster. Any minor differences observed are certainly within the experimental error of the GC/MS technique.

Even though any observed differences are minor, our computer programmers will be modifying the in-house GC/MS quantitation software routine so that all data generated by it will be exactly the same as that generated by the Formaster program.

This notice serves to alert the end user of CompuChem data packages as to the reason why slight differences may be observed between reporting forms and supporting data supplied.

Robert E. Meierer
Vice President of Quality Assurance

COMPUCHEM LABORATORIES, INC. P.O. Box 12883 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

2. By fraction (VOA, SV, PEST) and by sample within each fraction - tabulated target compound results (Form I) and tentatively identified compounds (Form I, TIC) (VOA and SV only)

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800101

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337389

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037389B19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. Date Analyzed: 05/18/90

Column: (peck/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800101

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337389

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037389B19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Anelyzed: 05/18/90

Column (pack/cep) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC 1/87 Rev.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337390

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037390A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	9	J
75-00-3	Chloroethane	7	J
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	4	J
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800102

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337390

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037390A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		LABORATORY ARTIFACT	0.27	75	J
2.		LABORATORY ARTIFACT	0.43	2.0	J
3.	60-29-7	ETHANE,1,1'-OXYBIS-	0.95	100	J
4.	109-87-5	METHANE,DIMETHOXY-	1.13	7.0	J

1A
VOLATILE ORGAMICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337391

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037391A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cep) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

71800103

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337391

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037391A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHANE,1,1'-OXYBIS-	0.95	8.0	J

FORM I VOA-TIC 1/87 Rev.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

70800104

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337392

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037392A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	38	
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	14	
75-35-4	1,1-Dichloroethene	2	J
75-34-3	1,1-Dichloroethane	67	
540-59-0	1,2-Dichloroethene (total)	10	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	200	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800104

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337392

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037392A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800105

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: Q1

Matrix: (soil/water) WATER Lab Sample ID: 337832

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037832A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	3	J
75-09-2	Methylene Chloride	4	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	50	
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	6	
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	19	
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	
100-41-4	Ethylbenzene	8	
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800105

Lab Name: COMPUCHEM LABS Contract: 155501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337832

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037032A19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	60-29-7	ETHANE,1,1'-OXYBIS-	0.95	6.0	J
2.	109-87-5	METHANE,DIMETHOXY-	1.15	13	J
3.		LABORATORY ARTIFACT	0.43	2.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800106

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337833

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037833A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	23	B
67-64-1	Acetone	17	
75-15-0	Carbon Disulfide	9	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	3	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	4	J
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	3	J
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800106

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337833

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037833A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICe found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LABORATORY ARTIFACT	0.43	3.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800107

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337834

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037834A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800107

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337834

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037834A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LABORATORY ARTIFACT	0.45	2.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800108

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337835

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037835A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA 1/87 Rev.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800108

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337835

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037835A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LABORATORY ARTIFACT	0.42	2.0	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800109

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337839

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037839A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. Data Analyzed: 05/18/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	13	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800109

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337839

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037839A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/18/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800110

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337838

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037838B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ Date Analyzed: 05/18/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800110

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337838

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR037838B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ Date Analyzed: 05/18/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TTCs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.38	49	J
2.	6971-63-7	2(3H)-FURANONE,DIHYDRO-4,5-D	3.30	4.0	J
3.	29424-94-0	OXETANE,2,4-DIMETHYL-,TRANS-	3.42	13	J
4.		2-(ETHENYLOXY)PROPANE+UNKNOW	4.20	190	J
5.		2,5-HEXANEDIOL+UNKNOWN	5.00	20	J
6.	17257-81-7	2-HEXANONE,3,4-EPOXY-	5.30	11	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800111

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337836

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037836A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	9	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	8	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

70800111

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337836

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037836A19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337837

Sample wt/vol: 2.0 (g/mL) ML Lab File ID: C2R37837C19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/16/90

Column: (pack/cap) CAP Dilution Factor: 0.40

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	8	J
75-09-2	Methylene Chloride	8	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	8	J
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	32	
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	11	
108-90-7	Chlorobenzene	7	
100-41-4	Ethylbenzene	69	
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	200	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800112

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337837

Sample wt/vol: 2.0 (g/mL) ML Lab File ID: C2R37837C19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/16/90

Column (pack/cap) CAP Dilution Factor: 0.40

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	60-29-7	ETHANE,1,1'-OXYBIS-	0.95	130	J
2.	108-20-3	PROPANE,2,2'-OXYBIS-	2.28	7.0	J
3.		ETHYLMETHYLBENZENE	12.52	11	J
4.		TRIMETHYLBENZENE	13.35	15	J
5.		DIETHYLBENZENE	14.09	9.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73000113

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337840

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037840B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800113

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337840

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037840B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Data Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

738001TB1

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Caee No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (eoil/water) WATER Lab Sample ID: 337377

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037377C19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

738001TB2

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337841

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037841B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. Date Analyzed: 05/18/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	1	BJ
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IOENTIFIED COMPOUNDS

EPA SAMPLE NO.

738001TB1

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337377

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037377C19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS AMALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

738001TB2

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337841

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN037841B19

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ Date Analyzed: 05/18/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112MS

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337378

Sample wt/vol: 2.0 (g/mL) ML Lab File ID: CN037378C19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ Date Analyzed: 05/16/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	26	
75-09-2	Methylene Chloride	29	B
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	Trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	38	U
591-78-6	2-Hexanone	38	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	160	
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	470	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112MSD

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: 337379

Sample wt/vol: 2.0 (g/mL) ML Lab File ID: CN037379C19

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. Date Analyzed: 05/16/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	27	
75-09-2	Methylene Chloride	36	B
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	Trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	38	U
591-78-6	2-Hexanone	38	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	150	
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	430	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800101

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037381C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800101

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037381C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037382C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. dec. Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	6	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	5	J
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037382C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	1	J
123-63-7	Paraldehyde	3	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	2	J
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 137382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037382C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Claanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800102

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037382C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	68-12-2	FORMAMIDE, N,N-DIMETHYL-	4.47	17	J
2.		UNKNOWN	5.70	5.0	J
3.		UNKNOWN	6.02	38	J
4.		UNKNOWN	6.70	83	J
5.	78-67-1	PROPANENITRILE, 2,2'-AZOBIS[	7.15	45	J
6.		UNKNOWN	7.62	42	J
7.		UNKNOWN	8.10	13	J
8.		UNKNOWN	8.45	9.0	J
9.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	8.75	61	J
10.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	8.99	76	J
11.		UNKNOWN	9.05	15	J
12.		UNKNOWN	9.45	10	J
13.		UNKNOWN	9.50	12	J
14.		UNKNOWN	9.85	18	J
15.		(1,1-DIMETHYLETHYL)BENZOIC A	10.70	6.0	J
16.		UNKNOWN	11.14	48	J
17.		UNKNOWN	11.54	13	J
18.		UNKNOWN	11.69	34	J
19.		UNKNOWN	12.00	56	J
20.		UNKNOWN	12.90	12	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037382C07

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	2	J
123-63-7	Paraldehyde	2	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	2	J
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800102RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037382C07

Level: (low/med) LOW Date Received: 05/08/90

% Hoisture: not dec. ____ dec. ____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800102RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337382

Sample wt/Vol: 500 (g/mL) ML Lab File ID: GR037382C07

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 0.50

Number TICs found: 17

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.43	17	J
2.		UNKNOWN	6.15	45	J
3.		UNKNOWN	6.53	8.0	J
4.		UNKNOWN	6.92	51	J
5.	78-67-1	PROPANENITRILE, 2,2'-AZOBIS[	7.42	40	J
6.		UNKNOWN	8.20	8.0	J
7.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	9.22	44	J
8.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	9.49	67	J
9.		UNKNOWN	9.59	11	J
10.		UNKNOWN	10.05	13	J
11.		UNKNOWN	10.50	12	J
12.	6265-30-1	4,7-METHANO-1H-ISOINDOLE-1,3	11.89	47	J
13.		UNKNOWN	12.32	10	J
14.		UNKNOWN	12.49	15	J
15.		UNKNOWN	12.89	44	J
16.		UNKNOWN	13.45	7.0	J
17.		UNKNOWN	13.87	9.0	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 73800103

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Caae No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337383

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037383B06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/10/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIDN UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	3	J
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337383

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037383B06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/10/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800103

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337383

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GN037383B06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/10/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	68-12-2	FORMAMIDE, N,N-DIMETHYL-	4.40	11	J
2.		UNKNOWN	4.52	5.0	J
3.	78-67-1	PROPANENITRILE, 2,2'-AZOBIS[	7.08	19	J
4.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	8.70	10	J
5.		UNKNOWN	10.17	6.0	J
6.	6265-30-1	4,7-METHANO-1H-ISOINDOLE-1,3	11.07	11	J
7.		UNKNOWN	11.47	14	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 73B00104

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337385

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037385C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	3	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	9	J
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5--------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800104

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337385

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037385C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5--------Methapyrilene	20	U
50-18-0--------Cyclophosphamide	50	U
206-44-0--------Fluoranthene	10	U
92-87-5--------Benzidine	10	U
129-00-0--------Pyrene	10	U
140-57-8--------Aramite	20	U
60-11-7--------p-Dimethylaminoazobenzene	10	U
510-15-6--------Chlorobenzilate	10	U
119-93-7--------3,3'-Dimethylbenzidine	20	U
85-68-7--------Butylbenzylphthalate	10	U
53-96-3--------2-Acetylaminofluorene	10	U
101-14-4--------Methylene-bis(2-chloroaniline	10	U
91-94-1--------3,3'-Dichlorobenzidine	10	U
106-51-4--------3,3'-Dimethoxybenzidine	10	U
56-55-3--------Benzo(a)Anthracene	10	U
218-01-9--------Chrysene	10	U
117-81-7--------bis(2-Ethylhexyl)Phthalate	2	J
117-84-0--------Di-n-Octyl Phthalate	10	U
205-99-2--------Benzo(b)Fluoranthene	10	U
57-97-6--------7,12-Dimethylbenzanthracene	10	U
207-08-9--------Benzo(k)Fluoranthene	10	U
50-32-8--------Benzo(a)Pyrene	10	U
56-49-5--------3-Methylcholanthrene	10	U
224-42-0--------Dibenzo(a,j)acridine	10	U
193-39-5--------Indeno(1,2,3-cd)Pyrene	10	U
53-70-3--------Dibenz(a,h)Anthracene	10	U
191-24-2--------Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800104

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337385

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037385C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.15	5.0	J
2.	68-12-2	FORMAMIDE, N,N-DIMETHYL-	4.47	25	J
3.		UNKNOWN	6.00	48	J
4.		UNKNOWN	6.68	56	J
5.		UNKNOWN	6.90	12	J
6.	78-67-1	PROPANENITRILE, 2,2'-AZOBIS[	7.13	5.0	J
7.		UNKNOWN	7.28	5.0	J
8.		ETHYLDIMETHYLBENZENE	7.63	12	J
9.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	8.72	14	J
10.		UNKNOWN	8.87	14	J
11.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	8.99	300	J
12.		(1,1-DIMETHYLETHYL)PHENOL	9.12	3.0	J
13.		(1,1-DIMETHYLETHYL)PHENOL	9.30	6.0	J
14.		UNKNOWN	9.52	8.0	J
15.		UNKNOWN	9.70	20	J
16.		UNKNOWN	10.20	20	J
17.		UNKNOWN	11.67	34	J
18.		UNKNOWN	12.00	34	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800104RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 037385

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037385C07

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	1	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	5	J
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800104RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337385

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037385C07

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5---------Methapyrilene	20	U
50-18-0---------Cyclophosphamide	50	U
206-44-0---------Fluoranthene	10	U
92-87-5---------Benzidine	10	U
129-00-0---------Pyrene	10	U
140-57-8---------Aramite	20	U
60-11-7---------p-Dimethylaminoazobenzene	10	U
510-15-6---------Chlorobenzilate	10	U
119-93-7---------3,3'-Dimethylbenzidine	20	U
85-68-7---------Butylbenzylphthalate	10	U
53-96-3---------2-Acetylaminofluorene	10	U
101-14-4---------Methylene-bis(2-chloroaniline	10	U
91-94-1---------3,3'-Dichlorobenzidine	10	U
106-51-4---------3,3'-Dimethoxybenzidine	10	U
56-55-3---------Benzo(a)Anthracene	10	U
218-01-9---------Chrysene	10	U
117-81-7---------bis(2-Ethylhexyl)Phthalate	10	U
117-84-0---------Di-n-Octyl Phthalate	10	U
205-99-2---------Benzo(b)Fluoranthene	10	U
57-97-6---------7,12-Dimethylbenzanthracene	10	U
207-08-9---------Benzo(k)Fluoranthene	10	U
50-32-8---------Benzo(a)Pyrene	10	U
56-49-5---------3-Methylcholanthrene	10	U
224-42-0---------Dibenzo(a,j)acridine	10	U
193-39-5---------Indeno(1,2,3-cd)Pyrene	10	U
53-70-3---------Dibenz(a,h)Anthracene	10	U
191-24-2---------Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800104RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337385

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037385C07

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.47	15	J
2.		UNKNOWN	6.18	32	J
3.		UNKNOWN	6.93	24	J
4.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	9.24	8.0	J
5.		UNKNOWN	9.42	8.0	J
6.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	9.59	630	J
7.		UNKNOWN	10.92	18	J
8.		UNKNOWN	12.52	15	J
9.		UNKNOWN	12.90	22	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
73800105

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337842

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037842A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	1	J
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	9	J
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800105

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337842

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037842A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

70800105

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337842

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037842A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		VOA TCL	5.38	9.0	J
2.		UNKNOWN	5.90	14	J
3.		UNKNOWN	6.87	8.0	J
4.	78-67-1	PROPANENITRILE, 2,2'-AZOBIS[	7.05	9.0	J
5.		UNKNOWN	7.60	170	J
6.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	8.69	42	J
7.		UNKNOWN	8.82	8.0	J
8.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	8.92	280	J
9.		UNKNOWN	9.00	8.0	J
10.		UNKNOWN	9.27	7.0	J
11.		UNKNOWN	9.45	12	J
12.	122-57-6	3-BUTEN-2-ONE, 4-PNENYL-	9.82	12	J
13.		UNKNOWN	10.17	16	J
14.	6265-30-1	4,7-METHANO-1H-ISOINDOLE-1,3	11.05	12	J
15.		UNKNOWN	11.62	37	J
16.		UNKNOWN	11.95	68	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800106

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037843C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	1	J
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800106

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037843C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800106

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037843C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.82	19	J
2.		UNKNOWN	6.53	54	J
3.	2873-97-4	2-PROPENAMIDE, N-(1,1-DIMETH	8.77	50	J
4.		PROPYLBENZENAMINE	9.15	6.0	J
5.	6265-30-1	4,7-METHANO-1H-ISOINDOLE-1,3	10.94	12	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800106RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037843A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	4	J
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	11	J
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5--------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800106RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037843A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-90-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800106RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337843

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037843A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.22	8.0	J
2.		UNKNOWN	5.95	26	J
3.		UNKNOWN	6.70	55	J
4.	6265-30-1	4,7-METHANO-1N-ISOINDOLE-1,3	11.40	10	J
5.		UNKNOWN	12.82	6.0	J
6.		UNKNOWN	13.02	28	J
7.	57-10-3	HEXADECANOIC ACID	13.80	4.0	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800107

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037844C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 70800107

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037844C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800107

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037844C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.80	42	J
2.		UNKNOWN	6.52	110	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800107RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037844A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800107RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037844A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Dialiate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5---------Methapyrilene		20	U
50-18-0---------Cyclophosphamide		50	U
206-44-0--------Fluoranthene		10	U
92-87-5---------Benzidine		10	U
129-00-0--------Pyrene		10	U
140-57-8--------Aramite		20	U
60-11-7---------p-Dimethylaminoazobenzene		10	U
510-15-6--------Chlorobenzilate		10	U
119-93-7--------3,3'-Dimethylbenzidine		20	U
85-68-7---------n-Butylbenzylphthalate		10	U
53-96-3---------2-Acetylaminofluorene		10	U
101-14-4--------Methylene-bis(2-chloroaniline		10	U
91-94-1---------3,3'-Dichlorobenzidine		10	U
106-51-4--------3,3'-Dimethoxybenzidine		10	U
56-55-3---------Benzo(a)Anthracene		10	U
218-01-9--------Chrysene		10	U
117-81-7--------bis(2-Ethylhexyl)Phthalate		10	U
117-84-0--------Di-n-Octyl Phthalate		10	U
205-99-2--------Benzo(b)Fluoranthene		10	U
57-97-6---------7,12-Dimethylbenzanthracene		10	U
207-08-9--------Benzo(k)Fluoranthene		10	U
50-32-8---------Benzo(a)Pyrene		10	U
56-49-5---------3-Methylcholanthrene		10	U
224-42-0--------Dibenzo(a,j)acridine		10	U
193-39-5--------Indeno(1,2,3-cd)Pyrene		10	U
53-70-3---------Dibenz(a,h)Anthracene		10	U
191-24-2--------Benzo(g,h,i)Perylene		10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800107RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337844

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037844A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.93	52	J
2.		UNKNOWN	6.68	110	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800108

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337845

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037845C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800108

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337845

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037845C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUHDS

EPA SAMPLE NO.

73800108

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337845

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH017845C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800109

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037849A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

70800109

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037849A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800109

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037849A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dsc. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/M) N pH: ____ Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.78	40	J
2.		UNKNOWN	6.52	86	J
3.	946-80-5	BENZENE, (PHENOXYMETHYL)-	16.40	22	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800109RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037849C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
62-75-9	N-Nitrosodimethylamine	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800109RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037849C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ___ dec. ____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
73800109RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337849

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037849C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SOLVENT CONTAMINANT	5.72	18	BJ
2.	SOLVENT CONTAMINANT	6.13	110	BJ
3.	SOLVENT CONTAMINANT	6.28	18	BJ
4.	SOLVENT CONTAMINANT	6.50	28	BJ
5.	UNKNOWN	6.88	84	J
6.	UNKNOWN	18.00	22	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
73800110

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337848

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037848A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800110

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337848

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037848A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800110

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337848

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037848A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 620-05-3	BENZENE, (IODOMETHYL)-	16.42	24	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800111

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337846

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037846C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800111

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337846

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037846C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800111

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337846

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037846C22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 1316-80-9	CYCLOHEPTATRIENYLIUM, IODIDE	16.39	48	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Caee No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037847C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATIDN UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	2400	E
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	4	J
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	7	J
106-44-5	4-Methylphenol	7	J
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	4	J
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	29	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	11	

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	16	
106-47-8--------4-Chloroaniline	4	J
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	2	J
90-12-0---------1-Methylnaphthalene	3	J
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037847C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73B00112

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037847C07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ___ dec. ____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 25

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		VOA TCL	4.20	30	J
2.	68-12-2	FORMAMIDE, N,N-DIMETHYL-	4.43	520	J
3.		VOA TCL	5.27	20	J
4.		VOA TCL	5.47	200	J
5.		VOA TCL	5.57	500	J
6.		VOA TCL	5.85	100	J
7.		UNKNOWN	6.13	64	J
8.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	6.65	44	J
9.		UNKNOWN	7.03	240	J
10.		UNKNOWN	7.50	48	J
11.	100-61-8	BENZENAMINE, N-METHYL-	7.77	44	J
12.	137-18-8	2,5-CYCLOHEXADIENE-1,4-DIONE	8.23	34	J
13.	498-81-7	CYCLOHEXANEMETHANOL, .ALPHA.	8.54	180	J
14.	526-75-0	PHENOL, 2,3-DIMETHYL-	8.67	110	J
15.		UNKNOWN	8.89	28	J
16.	126-54-5	2,4,8,10-TETRAOXASPIRO[5.5]U	9.14	54	J
17.		UNKNOWN	9.79	160	J
18.		UNKNOWN	9.97	36	J
19.		UNKNOWN	10.40	28	J
20.		UNKNOWN	10.79	54	J
21.	101-83-7	CYCLOHEXANAMINE, N-CYCLOHEXY	11.22	180	J
22.		UNKNOWN	11.37	160	J
23.	6265-30-1	4,7-METHANO-1H-ISOINDOLE-1,3	11.79	70	J
24.		UNKNOWN	12.77	50	J
25.		UNKNOWN	13.79	82	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

738001120L

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: G2D37847B07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/22/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	300	U
110-86-1	Pyridine	300	U
97-63-2	Ethyl methacrylate	300	U
123-63-7	Paraldehyde	300	U
109-06-8	2-Picoline	600	U
10595-95-6	Nitrosomethylethylamine	300	U
66-27-3	Methyl methanesulfonate	300	U
108-95-2	Phenol	300	U
55-18-5	N-Nitrosodiethylamine	300	U
62-50-5	Ethyl methanesulfonate	300	U
62-53-3	Aniline	5200	D
76-01-7	Pentachloroethane	300	U
111-44-4	bis(2-Chloroethyl)Ether	600	U
95-57-8	2-Chlorophenol	300	U
541-73-1	1,3-Dichlorobenzene	300	U
100-44-7	Benzyl chloride	300	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl Alcohol	300	U
95-50-1	1,2-Dichlorobenzene	300	U
95-48-7	2-Methylphenol	300	U
39638-32-9	bis(2-Chloroisopropyl)Ether	300	U
108-39-4	3-Methylphenol	300	U
106-44-5	4-Methylphenol	300	U
930-55-2	N-Nitrosopyrrolidine	300	U
59-89-2	N-Nitrosomorpholine	300	U
98-86-2	Acetophenone	300	U
621-64-7	N-Nitroso-Di-n-Propylamine	300	U
636-21-5	o-Toluidine hydrochloride	300	U
67-72-1	Hexachloroethane	300	U
98-95-3	Nitrobenzene	300	U
100-75-4	N-Nitrosopiperidine	300	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	300	U
105-67-9	2,4-Dimethylphenol	300	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	300	U
98-87-3---------Benzal chloride	300	U
65-85-0---------Benzoic Acid	3000	U
111-91-1--------bis(2-Chloroethoxy)Methane	300	U
120-83-2--------2,4-Dichlorophenol	300	U
120-82-1--------1,2,4-Trichlorobenzene	300	U
91-20-3---------Naphthalene	300	U
106-47-8--------4-Chloroaniline	300	U
87-65-0---------2,6-Dichlorophenol	600	U
95-54-5---------o-Phenylenediamine	300	U
122-09-8--------dimethylphenylethylamine	300	U
1888-71-7-------Hexachloropropene	300	U
87-68-3---------Hexachlorobutadiene	300	U
87-61-6---------1,2,3-Trichlorobenzene	300	U
98-07-7---------Benzotrichloride	600	U
924-16-3--------N-Nitroso-di-n-butylamine	300	U
59-50-7---------4-Chloro-3-Methylphenol	300	U
106-50-3--------P-Phenylenediamine	300	U
94-59-7---------Safrole	300	U
106-50-3--------m-Phenylenediamine	300	U
91-57-6---------2-Methylnaphthalene	300	U
90-12-0---------1-Methylnaphthalene	300	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	300	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	300	U
77-47-4---------Hexachlorocyclopentadiene	300	U
88-06-2---------2,4,6-Trichlorophenol	600	U
95-95-4---------2,4,5-Trichlorophenol	600	U
120-58-1--------Isosafrole	600	U
91-58-7---------2-Chloronaphthalene	300	U
90-13-1---------1-Chloronaphthalene	300	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	300	U
88-74-4---------2-Nitroaniline	300	U
130-15-4--------1,4-Naphthoquinone	600	U
100-25-4--------1,4-Dinitrobenzene	600	U
131-11-3--------Dimethyl Phthalate	300	U
208-96-8--------Acenaphthylene	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800112DL

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: G2D37847B07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/22/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 15

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	600	U
83-32-9	Acenaphthene	300	U
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	300	U
132-64-9	Dibenzofuran	300	U
121-14-2	2,4-Dinitrotoluene	300	U
608-93-5	Pentachlorobenzene	300	U
134-32-7	2-Naphthylamine	600	U
606-20-2	2,6-Dinitrotoluene	300	U
134-32-7	1-Naphthylamine	600	U
58-90-2	2,3,4,6-Tetrachlorophenol	600	U
84-66-2	Diethylphthalate	300	U
297-97-2	Zinophos	300	U
7005-72-3	4-Chlorophenyl-phenylether	300	U
86-73-7	Fluorene	300	U
100-01-6	4-Nitroaniline	600	U
99-55-8	5-Nitro-o-toluidine	600	U
534-52-1	4,6-Dinitro-2-Methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	300	U
122-39-4	Diphenylamine	300	U
99-35-4	1,3,5-Trinitrobenzene	600	U
122-66-7	1,2-Diphenylhydrazine	300	U
62-44-2	Phenacetin	300	U
101-55-3	4-Bromophenyl-phenylether	300	U
2303-16-4	Diallate	300	U
60-51-5	Dimethoate	300	U
118-74-1	Hexachlorobenzene	300	U
92-67-1	4-Aminobiphenyl	300	U
23950-58-5	Pronamide	300	U
87-86-5	Pentachlorophenol	600	U
82-68-8	Pentachloronitrobenzene	300	U
85-01-8	Phenanthrene	300	U
120-12-7	Anthracene	300	U
84-74-2	Di-n-Butylphthalate	300	U

(1) - Cannot be separated from Diphenylamine

91-80-5---------Methapyrilene	600	U
50-18-0---------Cyclophosphamide	1500	U
206-44-0---------Fluoranthene	300	U
92-87-5---------Benzidine	300	U
129-00-0---------Pyrene	300	U
140-57-8---------Aramite	600	U
60-11-7---------p-Dimethylaminoazobenzene	300	U
510-15-6---------Chlorobenzilate	300	U
119-93-7---------3,3'-Dimethylbenzidine	600	U
85-68-7---------Butylbenzylphthalate	300	U
53-96-3---------2-Acetylaminofluorene	300	U
101-14-4---------Methylene-bis(2-chloroaniline	300	U
91-94-1---------3,3'-Dichlorobenzidine	300	U
106-51-4---------3,3'-Dimethoxybenzidine	300	U
56-55-3---------Benzo(a)Anthracene	300	U
218-01-9---------Chrysene	300	U
117-81-7---------bis(2-Ethylhexyl)Phthalate	300	U
117-84-0---------Di-n-Octyl Phthalate	300	U
205-99-2---------Benzo(b)Fluoranthene	300	U
57-97-6---------7,12-Dimethylbenzanthracene	300	U
207-08-9---------Benzo(k)Fluoranthene	300	U
50-32-8---------Benzo(a)Pyrene	300	U
56-49-5---------3-Methylcholanthrene	300	U
224-42-0---------Dibenzo(a,j)acridine	300	U
193-39-5---------Indeno(1,2,3-cd)Pyrene	300	U
53-70-3---------Dibenz(a,h)Anthracene	300	U
191-24-2---------Benzo(g,h,i)Perylene	300	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

73800112DL

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337847

Sample wt/vol: 500 (g/mL) ML Lab File ID: G2D37847B07

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/22/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 15

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.38	720	J
2.		VOA TCL	5.47	360	J
3.		VOA TCL	5.57	900	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800113

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037850A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800113

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037850A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

73800113

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH037850A22

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/16/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.77	32	J
2.	UNKNOWN	6.48	36	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800113RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037850A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800113RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037850A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

7J800113RE

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337850

Sample wt/vol: 500 (g/mL) ML Lab File ID: GR037850A06

Level: (low/med) LOW Date Received: 05/09/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.97	52	J
2.	UNKNOWN	6.70	22	J
3.	UNKNOWN	12.79	8.0	J
4.	UNKNOWN	16.99	14	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103MS

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337386

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH037386B06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SapF/Cont/Sonc) SEPF Data Analyzed: 05/10/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	3	J
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103MS

Lab Name: COMPUCHEM LABS Contract: 12-881-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337386

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH037386B06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/10/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103MSD

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337387

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH037387C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	4	J
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

73800103MSD

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: 337387

Sample wt/Vol: 500 (g/mL) ML Lab File ID: GH037387C06

Level: (low/med) LOW Date Received: 05/08/90

% Moisture: not dec. dec. Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5--------Methapyrilene	20	U
50-18-0--------Cyclophosphamide	50	U
206-44-0--------Fluoranthene	10	U
92-87-5--------Benzidine	10	U
129-00-0--------Pyrene	10	U
140-57-8--------Aramite	20	U
60-11-7--------p-Dimethylaminoazobenzene	10	U
510-15-6--------Chlorobenzilate	10	U
119-93-7--------3,3'-Dimethylbenzidine	20	U
85-68-7--------Butylbenzylphthalate	10	U
53-96-3--------2-Acetylaminofluorene	10	U
101-14-4--------Methylene-bis(2-chloroaniline	10	U
91-94-1--------3,3'-Dichlorobenzidine	10	U
106-51-4--------3,3'-Dimethoxybenzidine	10	U
56-55-3--------Benzo(a)Anthracene	10	U
218-01-9--------Chrysene	10	U
117-81-7--------bis(2-Ethylhexyl)Phthalate	10	U
117-84-0--------Di-n-Octyl Phthalate	10	U
205-99-2--------Benzo(b)Fluoranthene	10	U
57-97-6--------7,12-Dimethylbenzanthracene	10	U
207-08-9--------Benzo(k)Fluoranthene	10	U
50-32-8--------Benzo(a)Pyrene	10	U
56-49-5--------3-Methylcholanthrene	10	U
224-42-0--------Dibenzo(a,j)acridine	10	U
193-39-5--------Indeno(1,2,3-cd)Pyrene	10	U
53-70-3--------Dibenz(a,h)Anthracene	10	U
191-24-2--------Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

3. By fraction (VOA , SV , PEST) – surrogate spike analysis results (Form II) by matrix (Water and/or Soil) and for soil , by concentration (Low or Medium)

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	73800101	101	96	83		0
02	73800102	102	100	110		0
03	73800103	107	104	109		0
04	73800104	93	94	101		0
05	73800105	98	94	110		0
06	73800106	95	93	90		0
07	73800107	106	90	101		0
08	73800108	97	94	85		0
09	73800109	101	100	92		0
10	73800110	91	87	87		0
11	73800111	89	86	86		0
12	73800112	92	98	99		0
13	73800113	100	101	105		0
14	738001TB1	97	96	90		0
15	738001TB2	97	94	85		0
16	73800112MS	92	95	98		0
17	73800112MSD	98	96	109		0
18	VBLKPQ	103	103	97		0
19	VBLKPU	88	86	86		0
20	VBLKOH	91	87	78		0

	QC LIMITS
S1 (TOL) = Toluene-d8	(88-110)
S2 (BFB) = Bromofluorobenzene	(86-115)
S3 (DCE) = 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	73800101	80	78	104	42	50	93		0
02	73800102	80	69	105	1 *	1 *	21		2
03	73800102RE	76	73	112	2 *	1 *	8 *		3
04	73800103	79	77	114	48	56	70		0
05	73800104	81	75	110	0 *	1 *	22		2
06	73800104RE	65	74	92	0 *	0 *	2 *		3
07	73800105	70	71	83	31	36	77		0
08	73800106	67	70	83	0 *	1 *	4 *		3
09	73800106RE	68	78	91	1 *	2 *	10		2
10	73800107	67	78	88	0 *	0 *	0 *		3
11	73800107RE	69	78	108	0 *	0 *	0 *		3
12	73800108	67	79	85	39	49	103		0
13	73800109	63	72	87	12	10 *	39		1
14	73800109RE	73	79	98	10	6 *	34		1
15	73800110	69	74	80	37	46	90		0
16	73800111	57	63	69	30	42	80		0
17	73800112	89	91	113	44	40	76		0
18	73800112DL	73	73	99	39	37	51		0
19	73800113	68	81	77	0 *	0 *	1 *		3
20	73800113RE	72	75	100	0 *	1 *	7 *		3
21	73800103MS	69	76	100	45	54	85		0
22	73800103MSD	63	69	95	47	56	100		0
23	SBLK76	80	84	106	46	56	96		0
24	SBLK86	78	79	105	43	56	89		0
25	SBLK15	65	87	119	55	63	118		0
26	SBLK31	66	72	90	42	52	44		0
27	SBLK93	76	80	107	56	67	81		0

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(35-114)
S2 (FBP) = 2-Fluorobiphenyl	(43-116)
S3 (TPH) = Terphenyl	(33-141)
S4 (PHL) = Phenol-d5	(10-94)
S5 (2FP) = 2-Fluorophenol	(21-100)
S6 (TBP) = 2,4,6-Tribromophenol	(10-123)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

4. By fraction (VOA, SV, PEST) - matrix spike duplicate results (Form III)

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix Spike - EPA Sample No.: 73800112

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	39.4	79	61-145
Trichloroethene	50.0	0	48.3	97	71-120
Benzene	50.0	31.6	76.7	90	76-127
Toluene	50.0	11.4	55.7	89	76-125
Chlorobenzene	50.0	7.20	57.5	101	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50.0	41.2	82	-4	14	61-145
Trichloroethene	50.0	47.5	95	2	14	71-120
Benzene	50.0	82.9	103	-13 *	11	76-127
Toluene	50.0	58.8	95	-7	13	76-125
Chlorobenzene	50.0	55.6	97	4	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: CLP ,2012,4,73800112,LOW,WATER,337837,VOLATILE,EPA,
CAP, CT900515B19,BP900515A19, , , ,

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Caae No.: 20124 SAS No.: SDG No.: Q2

Matrix Spike - EPA Sample No.: 73800103

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	400	0	163	41	12- 86
2-Chlorophenol	400	0	224	56	27-123
1,4-Dichlorobenzene	200	0	115	58	36 97
N-Nitroso-di-n-prop.(1)	200	0	140	70	41 116
1,2,4-Trichlorobenzene	0	0	125	0	
4-Chloro-3-methylphenol	400	0	206	52	23 97
Acenaphthene	200	0	137	69	46-118
4-Nitrophenol	400	0	206	52	10- 80
2,4-Dinitrotoluene	200	0	160	80	24- 96
Pentachlorophenol	400	0	302	76	9-103
Pyrene	200	0	196	98	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	400	175	44	-7	42	12- 86
2-Chlorophenol	400	232	58	-4	40	27-123
1,4-Dichlorobenzene	200	126	63	-8	28	36 97
N-Nitroso-di-n-prop.(1)	200	151	76	-8	38	41 116
1,2,4-Trichlorobenzene	0	124	0	0		
4-Chloro-3-methylphenol	400	222	56	-7	42	23 97
Acenaphthene	200	126	63	9	31	46-118
4-Nitrophenol	400	248	62	-18	50	10- 80
2,4-Dinitrotoluene	200	167	84	-5	38	24- 96
Pentachlorophenol	400	306	77	-1	50	9-103
Pyrene	200	184	92	6	31	26-127

(1) N-Nitroso-di-n-propylamine

Column to be usad to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS: CLP ,2012,4,73800103,LOW,WATER,337383,PEST,EPA,
CAP, HG900510B06,DF900510B06, , , ,

5. By fraction (VOA , SV , PEST) - blank data (Form IV) and tabulated results (Form I) including tentatively identified compounds (Form I, TIC) (VOA and SV only)

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Caae No.: 20124 SAS No.: SDG No.: 01

Lab File ID: CB900515C19 Lab Sample ID: VBLKPQ

Date Analyzed: 05/15/90 Time Analyzed: 0415

Metrix: (soil/water) WATER Level:(low/med) LOW

Inetrument ID: 19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	73800102	337390	CN037390A19	0828
02	73800103	337391	CN037391A19	0858
03	73800104	337392	CN037392A19	0934
04	73800105	337832	CN037832A19	1014
05	73800106	337833	CN037833A19	1059
06	73800107	337834	CN037834A19	1141
07	73800108	337835	CN037835A19	1208
08	73800111	337836	CN037836A19	1314
09	738001TB1	337377	CN037377C19	0651

COMMENTS: CLP ,2012,4, ,LOW, ,000000,VOLATILE,BLANK,
CAP, CS900515C19,BF900515C19, , , ,

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKPQ

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKPQ

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CB900515C19

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKPQ

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKPQ

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CB900515C19

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Lab File ID: CB900515B19 Lab Sample ID: VBLKPU

Date Analyzed: 05/15/90 Time Analyzed: 1853

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	73800112	337837	C2R37837C19	0113
02	73800113	337840	CN037840B19	2345
03	73800112MS	337378	CN037378C19	0151
04	73800112MSD	337379	CN037379C19	0237

COMMENTS: CLP , , , ,LOW, ,000000,VOLATILE,BLANK,
CAP, CT900515B19,BF900515A19, , , ,

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKPU

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKPU

Sample wt/vol: (g/mL) ML Lab File ID: CB900515B19

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/15/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKPU

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKPU

Sample wt/vol: _____ (g/mL) ML Lab File ID: CB900515B19

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/15/90

Column (pack/cap) CAP Dilution Factor: 1

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) _____

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Caee No.: 20124 SAS No.: SDG No.: 01

Lab File ID: CB900518A19 Lab Sample ID: VBLKOH

Date Analyzed: 05/18/90 Time Analyzed: 1930

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND NSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	73800101	337389	CR037389B19	2202
02	73800109	337839	CR037839A19	2024
03	73800110	337838	CR037838B19	2050
04	738001TB2	337841	CN037841B19	2131

COMMENTS: CLP ,2012,4, ,LOW, ,000000,VOLATILE,BLANK,
CAP, CW900518A19,BH900518A19, , , ,

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOH

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKOH

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CB900518A19

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/18/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKOH

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Matrix: (soil/water) WATER Lab Sample ID: VBLKOH

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CB900518A19

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/18/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID: G2J37915C06 Lab Sample ID: SBLK76

Date Extracted: 05/10/90 Extraction:(SepF/Cont/Sonc) SEPF

Date Analyzed: 05/11/90 Time Analyzed: 0151

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	73800101	337381	GH037381C06	05/11/90
02	73800102	337382	GH037382C06	05/11/90
03	73800103	337383	GH037383B06	05/10/90
04	73800104	337385	GH037385C06	05/11/90
05	73800103MS	337386	GH037386B06	05/10/90
06	73800103MSD	337387	GH037387C06	05/11/90

COMMENTS: CLP , , , ,LOW,WATER,337915,PEST,BLANK,
CAP, HG900510B06,DF900510B06, , , ,

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK76

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK76

Sample wt/vol: 1000 (g/mL) ML Lab File ID: G2J37915C06

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK76

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK76

Sample wt/vol: 1000 (g/mL) ML Lab File ID: G2J37915C06

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SBLK76

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK76

Sample wt/vol: 1000 (g/mL) ML Lab File ID: G2J37915C06

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/10/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/11/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID: GJ038347A22 Lab Sample ID: SBLK86

Date Extracted: 05/11/90 Extraction:(SepF/Cont/Sonc) SEPF

Date Analyzed: 05/15/90 Time Analyzed: 1259

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 22

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	73800105	337842	GHD37842A22	05/15/90
02	73800106	337843	GH037843C22	05/16/90
03	73800107	337844	GH037844C22	05/16/90
04	73800108	337845	GH037845C22	05/16/90
05	73800109	337849	GH037849A22	05/16/90
06	73800110	337848	GH037848A22	05/16/90
07	73800111	337846	GH037846C22	05/16/90
08	73800113	337850	GH037850A22	05/16/90

COMMENTS: CLP , , , ,LOW,WATER,338347,PEST,BLANK,
CAP, HG900515A22,DF900515C22, , , ,

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK86

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK86

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ038347A22

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5---------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK86

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK86

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ038347A22

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Anslyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5---------Methapyrilene	20	U
50-18-0---------Cyclophosphamide	50	U
206-44-0---------Fluoranthene	10	U
92-87-5---------Benzidine	10	U
129-00-0---------Pyrene	10	U
140-57-8---------Aramite	20	U
60-11-7---------p-Dimethylaminoazobenzene	10	U
510-15-6---------Chlorobenzilate	10	U
119-93-7---------3,3'-Dimethylbenzidine	20	U
85-68-7---------Butylbenzylphthalate	10	U
53-96-3---------2-Acetylaminofluorene	10	U
101-14-4---------Methylene-bis(2-chloroaniline	10	U
91-94-1---------3,3'-Dichlorobenzidine	10	U
106-51-4---------3,3'-Dimethoxybenzidine	10	U
56-55-3---------Benzo(a)Anthracene	10	U
218-01-9---------Chrysene	10	U
117-81-7---------bis(2-Ethylhexyl)Phthalate	10	U
117-84-0---------Di-n-Octyl Phthalate	10	U
205-99-2---------Benzo(b)Fluoranthene	10	U
57-97-6---------7,12-Dimethylbenzanthracene	10	U
207-08-9---------Benzo(k)Fluoranthene	10	U
50-32-8---------Benzo(a)Pyrene	10	U
56-49-5---------3-Methylcholanthrene	10	U
224-42-0---------Dibenzo(a,j)acridine	10	U
193-39-5---------Indeno(1,2,3-cd)Pyrene	10	U
53-70-3---------Dibenz(a,h)Anthracene	10	U
191-24-2---------Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLK86

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK86

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ038347A22

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/11/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/15/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID: GH039498C07 Lab Sample ID: SBLK15

Date Extracted: 05/16/90 Extraction:(SepF/Cont/Sonc) SEPF

Date Analyzed: 05/18/90 Time Analyzed: 0224

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 07

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	73800102RE	337382	GR037382C07	05/18/90
02	73800104RE	337385	GR037385C07	05/18/90

COMMENTS: CLP , , , ,LOW,WATER,339498,PEST,BLANK,
CAP, HG900517B07,DF900517B07, , , ,

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK15

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK15

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH039498C07

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5--------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK15

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK15

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH039498C07

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK15

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK15

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH039498C07

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 05/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/M) N pH: _____ Dilution Factor: 0.50

Number TICs found: 1

CONCENTRATION UMITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	CDMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	19.92	8.0	J

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File TD: GJ040130A06 Lab Sample ID: SBLK31

Date Extracted: 05/17/90 Extraction:(SepF/Cont/Sonc) SEPF

Date Analyzed: 05/18/90 Time Analyzed: 1124

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	73800106RE	337843	GR037843A06	05/18/90
02	73800107RE	337844	GR037844A06	05/18/90
03	73800113RE	337850	GR037850A06	05/18/90

COMMENTS: CLP , , , ,LOW,WATER,340130,PEST,BLANK,
CAP, HH900518C06,DH90051BC06, , , ,

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK31

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK31

Sample wt/vol: 500 (g/mL) ML Lab File ID: GJ040130A06

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3	1,3,5-Trichlorobenzene	10	U
98-87-3	Benzal chloride	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
95-54-5	o-Phenylenediamine	10	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U
98-07-7	Benzotrichloride	20	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
106-50-3	m-Phenylenediamine	10	U
91-57-6	2-Methylnaphthalene	10	U
90-12-0	1-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
634-90-2	1,2,3,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
90-13-1	1-Chloronaphthalene	10	U
634-66-2	1,2,3,4-Tetrachlorobenzene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
100-25-4	1,4-Dinitrobenzene	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK31

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK31

Sample wt/vol: 500 (g/mL) ML Lab File ID: GJ040130A06

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK31

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK31

Sample wt/vol: 500 (g/mL) ML Lab File ID: GJ040130A06

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/17/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/18/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID: GH040522C07 Lab Sample ID: SBLK93

Date Extracted: 05/18/90 Extraction:(SepF/Cont/Sonc) SEPF

Date Analyzed: 05/21/90 Time Analyzed: 0956

Matrix: (soil/water) WATER Level:(low/med) LOW

Instrument ID: 07

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	73800109RE	337849	GR037849C07	05/21/90
02	73800112	337847	GR037847C07	D5/21/90
03	73800112DL	337847	G2D37B47B07	05/22/90

COMMENTS: CLP , , , ,LOW,WATER,340522,PEST,BLANK,
CAP, HH900521C07,DF90052IC07, , , ,

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK93

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK93

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH040522C07

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
123-63-7	Paraldehyde	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
108-95-2	Phenol	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
100-44-7	Benzyl chloride	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U

(1) - Cannot be separated from Diphenylamine

108-70-3--------1,3,5-Trichlorobenzene	10	U
98-87-3---------Benzal chloride	10	U
65-85-0---------Benzoic Acid	100	U
111-91-1--------bis(2-Chloroethoxy)Methane	10	U
120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
95-54-5--------o-Phenylenediamine	10	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
87-61-6---------1,2,3-Trichlorobenzene	10	U
98-07-7---------Benzotrichloride	20	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
106-50-3--------m-Phenylenediamine	10	U
91-57-6---------2-Methylnaphthalene	10	U
90-12-0---------1-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
90-13-1---------1-Chloronaphthalene	10	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
100-25-4--------1,4-Dinitrobenzene	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK93

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK93

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH040522C07

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
606-20-2	2,6-Dinitrotoluene	10	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
534-52-1	4,6-Dinitro-2-Methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	20	U
50-18-0	Cyclophosphamide	50	U
206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
140-57-8	Aramite	20	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
101-14-4	Methylene-bis(2-chloroaniline	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
106-51-4	3,3'-Dimethoxybenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
224-42-0	Dibenzo(a,j)acridine	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK93

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) WATER Lab Sample ID: SBLK93

Sample wt/vol: 500 (g/mL) ML Lab File ID: GH040522C07

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 05/18/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/21/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.50

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.70	18	J
2.	UNKNOWN	6.10	54	J
3. 74630-08-3	1-OCTENE, 3-ETHYL-	6.25	20	J
4.	METHYLPROPYLCYCLOHEXANE	6.45	28	J

6. By fraction (VOA, SV only) - internal standard area data (Form VIII)

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Lab File ID (Standard): CS900515C19 Date Analyzed: 05/15/90

Instrument ID: 19 Time Analyzed: 0340

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	49400	3.10	199000	4.75	134000	9.40
	UPPER LIMIT	98800		398000		268000	
	LOWER LIMIT	24700		99500		67000	
	EPA SAMPLE NO.						
01	73800102	46200	3.07	190000	4.72	121000	9.39
02	73800103	42500	3.08	170000	4.73	116000	9.40
03	73800104	42900	3.10	183000	4.73	121000	9.39
04	73800105	42900	3.07	189000	4.68	120000	9.34
05	73800106	46200	3.07	184000	4.68	124000	9.34
06	73800107	46700	3.07	190000	4.68	122000	9.35
07	73800108	43100	3.05	175000	4.65	122000	9.34
08	73800111	45000	3.07	185000	4.70	129000	9.35
09	738001TB1	44100	3.10	181000	4.73	126000	9.35
10	VBLKPQ	45600	3.10	180000	4.73	121000	9.39

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 01

Lab File ID (Standard): CW900518A19 Date Analyzed: 05/18/90

Instrument ID: 19 Time Analyzed: 1810

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	106000	3.08	514000	4.63	333000	9.25
	UPPER LIMIT	212000		1028000		666000	
	LOWER LIMIT	53000		257000		166500	
	EPA SAMPLE NO.						
01	73800101	83300	3.10	403000	4.65	263000	9.30
02	73800109	90400	3.10	463000	4.68	287000	9.32
03	73800110	101000	3.08	520000	4.65	319000	9.30
04	738001TB2	93100	3.10	509000	4.65	300000	9.32
05	VBLKOH	117000	3.10	540000	4.68	342000	9.30

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: 255501

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 01

Lab File ID (Standard): CT900515B19 Date Analyzed: 05/15/90

Instrument ID: 19 Time Analyzed: 1757

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1(BCM) AREA #	RT	IS2(DFB) AREA #	RT	IS3(CBZ) AREA #	RT
	12 HOUR STD	50600	3.10	198000	4.72	137000	9.37
	UPPER LIMIT	101200		396000		274000	
	LOWER LIMIT	25300		99000		68500	
	EPA SAMPLE NO.						
01	73800112	47900	3.05	190000	4.70	136000	9.40
02	73800113	40600	12.55	157000	19.05	117000	37.82
03	73800112MS	47700	3.08	190000	4.73	140000	9.40
04	73800112MSD	51000	3.10	206000	4.75	146000	9.42
05	VBLKPU	53300	3.10	211000	4.70	141000	9.35

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900510B06 Date Analyzed: 05/10/90

Instrument ID: 06 Time Analyzed: 1808

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	141000	6.95	489000	8.55	318000	10.87
	UPPER LIMIT	282000		978000		636000	
	LOWER LIMIT	70500		244500		159000	
	EPA SAMPLE NO.						
01	73800101	163000	6.93	523000	8.54	319000	10.84
02	73800102	165000	6.98	526000	8.59	357000	10.90
03	73800103	139000	6.92	435000	8.55	262000	10.84
04	73800104	159000	6.97	497000	8.57	335000	10.89
05	73800103MS	131000	6.92	426000	8.54	257000	10.82
06	73800103MSD	149000	6.90	549000	8.50	356000	10.80
07	SBLK76	165000	6.97	543000	8.59	334000	10.90

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acanaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900510B06 Date Analyzed: 05/10/90

Instrument ID: 06 Time Analyzed: 1808

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	489000	12.79	433000	16.35	333000	18.82
	UPPER LIMIT	978000		866000		666000	
	LOWER LIMIT	244500		216500		166500	
	EPA SAMPLE NO.						
01	73800101	510000	12.75	376000	16.27	302000	18.69
02	73800102	548000	12.82	399000	16.37	274000	18.89
03	73800103	424000	12.75	259000	16.27	207000	18.69
04	73800104	507000	12.80	337000	16.35	276000	18.82
05	73800103MS	382000	12.75	255000	16.30	204000	18.75
06	73800103MSD	571000	12.75	413000	16.32	330000	18.75
07	SBLK76	487000	12.82	341000	16.35	274000	18.79

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chryeene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard arsa values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID (Standard): HH900518C06 Date Analyzed: 05/18/90

Instrument ID: 06 Time Analyzed: 0248

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	133D0D	7.03	496000	8.70	241000	11.14
	UPPER LIMIT	266000		99200D		482000	
	LOWER LIMIT	66500		248000		120500	
	EPA SAMPLE NO.						
01	73800106RE	168000	7.00	544000	8.69	271000	11.10
02	73800107RE	167000	6.97	528000	8.69	241000	11.10
03	73800113RE	196000	7.00	604000	8.69	306000	11.10
04	SBLK31	164000	7.00	532000	8.69	240000	11.10

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HH900518C06 Date Analyzed: 05/18/90

Instrument ID: 06 Time Analyzed: 0248

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
12 HOUR STD	358000	13.20	273000	16.92	215000	19.40
UPPER LIMIT	716000		546000		430000	
LOWER LIMIT	179000		136500		107500	
EPA SAMPLE NO.						
01 73800106RE	373000	13.17	262000	16.85	194000	19.35
02 73800107RE	331000	13.20	159000	16.90	116000	19.42
03 73800113RE	371000	13.15	224000	16.84	163000	19.35
04 SBLK31	296000	13.17	154000	16.85	115000	19.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal etandard area.

Column ueed to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900517B07 Date Analyzed: 05/17/90

Instrument ID: 07 Time Analyzed: 1732

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	223000	7.27	675000	9.05	354000	11.64
	UPPER LIMIT	446000		1350000		708000	
	LOWER LIMIT	111500		337500		177000	
	EPA SAMPLE NO.						
01	73800102RE	363000	7.25	1050000	9.04	561000	11.62
02	73800104RE	283000	7.28	872000	9.07	448000	11.65
03	SBLK15	166000	7.23	489000	9.02	259000	11.60

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal etandard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal etandard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900517B07 Date Analyzed: 05/17/90

Instrument ID: 07 Time Analyzed: 1732

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	494000	13.82	352000	17.89	329000	21.59
	UPPER LIMIT	988000		704000		658000	
	LOWER LIMIT	247000		176000		164500	
	EPA SAMPLE NO.						
01	73800102RE	781000	13.80	511000	17.85	420000	21.52
02	73800104RE	644000	13.82	472000	17.89	373000	21.57
03	SBLK15	347000	13.80	240000	17.85	260000	21.52

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HH900521C07 Date Analyzed: 05/21/90

Instrument ID: 07 Time Analyzed: 0529

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	97300	7.20	329000	8.95	197000	11.50
UPPER LIMIT	194600		658000		394000	
LOWER LIMIT	48650		164500		98500	
EPA SAMPLE NO.						
01 73800109RE	133000	7.20	431000	8.97	239000	11.52
02 73800112	121000	7.22	366000	8.97	218000	11.52
03 SBLK93	139000	7.18	440000	8.92	267000	11.49

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HH900521C07 Date Analyzed: 05/21/90

Instrument ID: 07 Time Analyzed: 0529

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	289000	13.67	245000	17.77	202000	21.35
	UPPER LIMIT	578000		490000		404000	
	LOWER LIMIT	144500		122500		101000	
	EPA SAMPLE NO.						
01	73800109RE	350000	13.69	270000	17.79	214000	21.44
02	73800112	327000	13.69	250000	17.79	207000	21.42
03	SBLK93	379000	13.67	254000	17.80	194000	21.45

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal stsndard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HI900522B07 Date Analyzed: 05/22/90

Inatrument ID: 07 Time Analyzed: 1646

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	204000	7.23	664000	9.02	370000	11.60
UPPER LIMIT	408000		1328000		740000	
LOWER LIMIT	102000		332000		185000	
EPA SAMPLE NO.						
01 73800112DL	242000	7.23	690000	9.02	384000	11.62

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal etandard area valuee with an aeterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HI900522B07 Date Analyzed: 05/22/90

Instrument ID: 07 Time Analyzed: 1646

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	521000	13.80	439000	17.85	422000	21.49
	UPPER LIMIT	1042000		878000		844000	
	LOWER LIMIT	260500		219500		211000	
	EPA SAMPLE NO.						
01	73800112DL	539000	13.80	324000	17.87	312000	21.49

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylena-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900515A22 Date Analyzed: 05/15/90

Instrument ID: 22 Time Analyzed: 0831

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	143000	6.98	544000	8.60	287000	10.94
	UPPER LIMIT	286000		1088000		574000	
	LOWER LIMIT	71500		272000		143500	
	EPA SAMPLE NO.						
01	73800105	169000	6.95	563000	8.55	296000	10.87
02	SBLK86	142000	6.95	469000	8.55	239000	10.89

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HG900515A22 Date Analyzed: 05/15/90

Instrument ID: 22 Time Analyzed: 0831

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
12 HOUR STD	383000	12.90	262000	16.59	206000	19.90
UPPER LIMIT	766000		524000		412000	
LOWER LIMIT	191500		131000		103000	
	EPA SAMPLE NO.					
01	73800105	388000	12.82	229000	16.50	180000	19.69
02	SBLK86	313000	12.85	160000	16.52	109000	19.75

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal etandard area.
LOWER LIMIT = - 50% of internal stendard area.

Column ueed to flag internal standard area values with an asterisk

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: SDG No.: 02

Lab File ID (Standard): HI900516C22 Date Analyzed: 05/16/90

Instrument ID: 22 Time Analyzed: 0334

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	125000	6.85	503000	8.44	241000	10.74
	UPPER LIMIT	250000		1006000		482000	
	LOWER LIMIT	62500		251500		120500	
	EPA SAMPLE NO.						
01	73800106	146000	6.83	511000	8.44	249000	10.75
02	73800107	132000	6.82	468000	8.42	222000	10.74
03	73800108	155000	6.82	503000	8.42	236000	10.72
04	73800109	165000	6.82	569000	8.42	271000	10.72
05	73800110	161000	6.82	552000	8.42	270000	10.74
06	73800111	159000	6.82	561000	8.42	278000	10.72
07	73800113	166000	6.80	528000	8.42	231000	10.72

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk

8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: COMPUCHEM LABS Contract: (2-88)-REVS

Lab Code: COMPU Case No.: 20124 SAS No.: _____ SDG No.: 02

Lab File ID (Standard): HI900516C22 Date Analyzed: 05/16/90

Instrument ID: 22 Time Analyzed: 0334

		IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	298000	12.69	156000	16.30	115000	19.35
	UPPER LIMIT	596000		312000		230000	
	LOWER LIMIT	149000		78000		57500	
	EPA SAMPLE NO.						
01	73800106	322000	12.70	160000	16.35	99600	19.47
02	73800107	278000	12.67	119000	16.30	83900	19.39
03	73800108	302000	12.67	151000	16.29	111000	19.35
04	73800109	333000	12.67	132000	16.29	89800	19.35
05	73800110	304000	12.67	165000	16.32	114000	19.39
06	73800111	326000	12.65	177000	16.29	141000	19.35
07	73800113	254000	12.67	135000	16.30	94500	19.35

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk