

general
testing
corporation



GILL CREEK
SITE SPECIFIC COMPOUNDS
BATCH #3
Sample Data Summary Package

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements†					
		‡VOA GC/MS	‡BNA GC/MS	‡VOA GC	‡PEST PCB	‡METALS	‡OTHER
2-T5-2S	R88/1782-001		X	X	X	X	X
2-T6-3S	R88/1782-002		X	X	X	X	X
2-T6-1S	R88/1782-003		X	X	X	X	X
2-T6-2D	R88/1782-004		X	X	X	X	X
2-T6-1D	R88/1782-005		X	X	X	X	X
2-T6-3D	R88/1782-006		X	X	X	X	X
2-T5-3D	R88/1782-007		X	X	X	X	X
2-T6-2S	R88/1782-008		X	X	X	X	X
NO SAMPLE	R88/1782-009						
3-T7-2S	R88/1782-010		X	X	X	X	X
3-T7-1S	R88/1782-011		X	X	X	X	X
3-T7-1D Dup	R88/1782-012		X	X	X	X	X
3-T8-1D Dup	R88/1782-013		X	X	X	X	X
3-T8-3D	R88/1782-014		X	X	X	X	X
3-T8-2D	R88/1782-015		X	X	X	X	X
3-T8-2M	R88/1782-016		X	X	X	X	X
3-T8-1S	R88/1782-017		X	X	X	X	X
3-T8-3S	R88/1782-018		X	X	X	X	X
3-T8-1D	R88/1782-019		X	X	X	X	X
3-T7-1D	R88/1782-020		X	X	X	X	X

† Check Appropriate Boxes

‡ CLP, Non-CLP

‡ HSL, Priority Pollutant



Sample Data Summary Package

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Definition of Qualifiers, Flags and Columns

Column Q = Qualifier (Organics)

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value.
- C - This Flag applies to Pesticide results where the identification has been confirmed by GC/MS.
- B - This Flag is used when the analyte is found in the associated blank as well as in the sample.
- D - This Flag identifies compounds whose concentrations are outside the calibration range of the analysis.

Column C = Concentration qualifier (Inorganics)

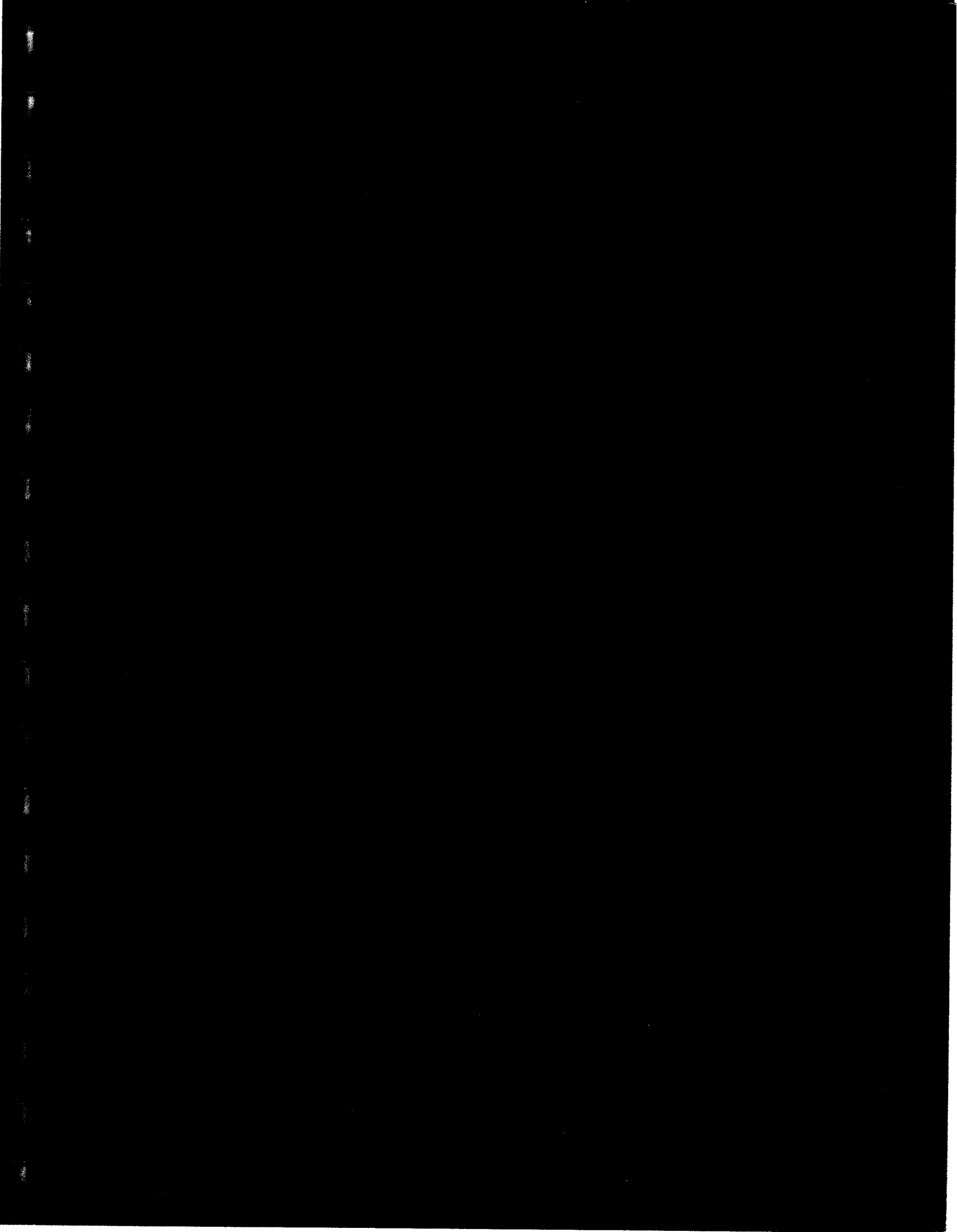
- U - Indicates the analyte was analyzed for but not detected.

Column Q = Qualifier (Inorganics)

- E - The reported value is estimated because of the presence of interference.
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by Method of Standard Additions (MSA).

Column M = Method (Inorganics)

- P For ICP
- A For Flame AA
- F For Furnace AA
- CV For Manual Cold Vapor AA
- AV For Automated Cold Vapor AA
- AS For Semi-Automated Spectrophotometric
- C For Manual Spectrophotometric
- T For Titrimetric
- NR Not Required to be Analyzed
- HYD Hydride Method (GTC Symbol)





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CASE NARRATIVE

ORGANIC ANALYSIS DATA PACKAGE

Lab Name General Testing Corporation

Job No. R88/1782

710 Exchange St., Rochester, NY 14608

SDG No. ---

SAMPLE NUMBERS

Lab ID No.

R88/01782 -001
R88/01782 -002
R88/01782 -003
R88/01782 -004
R88/01782 -005
R88/01782 -006
R88/01782 -007
R88/01782 -008
R88/01782 -009
R88/01782 -010
R88/01782 -011
R88/01782 -012
R88/01782 -013
R88/01782 -014
R88/01782 -015
R88/01782 -016
R88/01782 -017
R88/01782 -018
R88/01782 -019
R88/01782 -020

Lab ID No.

2-T5-2S
2-T6-3S
2-T6-1S
2-T6-2D
2-T6-1D
2-T6-3D
2-T5-3D
2-T6-2S
NO SAMPLE
3-T7-2S
3-T7-1S
3-T7-1D duplicate
3-T8-1D duplicate
3-T8-3D
3-T8-2D
3-T8-2M
3-T8-1S
3-T8-3S
3-T8-1D
3-T7-1D

"Release of the data contained int his hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Michael K. Perry
Laboratory Director

11/18/88
Date

R88/1782

8270/8120

CASE NARRATIVE

The chlorinated hydrocarbons were analyzed by a combination of Method 8120 and 8270 because of the nature of the samples.

Initially, the soils were extracted by Method 3550 and a fluorisil cleanup was employed (Method 3620) in order to remove great amounts of background and unwanted substances.

The extracts were first analyzed by Method 8120 with an electron capture detector. There was extreme difficulty in qualification and quantitation due to the extreme numbers of chlorinated organics in the samples (including PCB's) and a wide range of concentrations of these chlorinated compounds. In order to ensure accurate identification of compounds along with a more specific and accurate method of quantitating these compounds, Method 8270 was used which employs a GC/MS.

Detection limits using this method are higher, but the samples were high enough in each of the parameters that this was not a major problem.

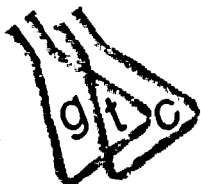
Excessive background may have caused high surrogate recoveries for Nitrobenzene-d5 on numerous samples. The reason being that the background spectrum contained the ion that was used to quantitate for this surrogate. Analytically, there was no way to separate this background from the surrogate spectrum.

8080 CASE NARRATIVE

Pesticides and PCB's were analyzed using Method 8080. Due to the nature of the samples, extensive cleanups needed to be performed, including Methods 3620 (fluorasil) and 3660 (sulfur removal).

Most of the samples contained large amounts of PCB's. This caused the use of a higher detection limit than normal for the pesticides that were analyzed. Also, at these levels of PCB's, all the matrix spikes were diluted out of the samples as well as the surrogate standards added. Another result of this high PCB level was the multiple reanalysis of almost every sample at several dilutions.

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -001
 Sample wt/vol: (g/ml) 5.1/10 Lab File ID: >BN753
 Level: (low/med) MED Date Received: 6/14/88
 % Moisture: not dec. dec. 24.0 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	8000	U
106-46-1-----	1,4-Dichlorobenzene	8000	U
95-50-1-----	1,2-Dichlorobenzene	8000	U
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	8000	U
-----	1,2,3-Trichlorobenzene	8000	U
87-68-3-----	Hexachlorobutadiene	8000	U
-----	1,2,3,5-Tetrachlorobenzene +	127,000	
-----	1,2,4,5-Tetrachlorobenzene	8000	U
-----	1,2,3,4-Tetrachlorobenzene	8000	U
-----	Pentachlorobenzene	8000	U
118-74-1-----	Hexachlorobenzene	24,400	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -002

Sample wt/vol: (g/ml) 5.3/10 Lab File ID: >BN754

Level: (low/med) MED Date Received: 6/14/88

% Moisture: not dec. dec. 16.3 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	8000	U
106-46-1-----	1,4-Dichlorobenzene	887	J
95-50-1-----	1,2-Dichlorobenzene	359	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	1940	J
-----	1,2,3-Trichlorobenzene	2300	J
87-68-3-----	Hexachlorobutadiene	146,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	8000	U
-----	1,2,3,4-Tetrachlorobenzene	8000	U
-----	Pentachlorobenzene	1400	J
118-74-1-----	Hexachlorobenzene	35,100	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -004

Sample wt/vol: (g/ml) 5.3/10 Lab File ID: >BN756

Level: (low/med) MED Date Received: 6/14/88

% Moisture: not dec. dec. 35.4 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	1260	J
106-46-1-----	1,4-Dichlorobenzene	5750	J
95-50-1-----	1,2-Dichlorobenzene	4380	J
67-72-1-----	Hexachloroethane	17,700	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	11,200	
-----	1,2,3-Trichlorobenzene	3660	J
87-68-3-----	Hexachlorobutadiene	418,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	3400	J
-----	1,2,3,4-Tetrachlorobenzene	1380	J
-----	Pentachlorobenzene	9960	
118-74-1-----	Hexachlorobenzene	223,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -005
 Sample wt/vol: (g/ml) 5.4/10 Lab File ID: >3N759
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 37.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	2040	J
106-46-1-----	1,4-Dichlorobenzene	8020	
95-50-1-----	1,2-Dichlorobenzene	5040	J
67-72-1-----	Hexachloroethane	7020	J
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	17,400	
-----	1,2,3-Trichlorobenzene	4980	J
87-68-3-----	Hexachlorobutadiene	299,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	4190	J
-----	1,2,3,4-Tetrachlorobenzene	2090	J
-----	Pentachlorobenzene	12,400	
118-74-1-----	Hexachlorobenzene	228,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -006

Sample wt/vol: (g/ml) 5.4/10 Lab File ID: >BN760

Level: (low/med) MED Date Received: 6/14/88

% Moisture: not dec. dec. 16.1 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	8000	U
106-46-1-----	1,4-Dichlorobenzene	1310	J
95-50-1-----	1,2-Dichlorobenzene	8000	U
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	3980	J
-----	1,2,3-Trichlorobenzene	1190	J
87-68-3-----	Hexachlorobutadiene	171,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	1040	J
-----	1,2,3,4-Tetrachlorobenzene	944	J
-----	Pentachlorobenzene	2900	J
118-74-1-----	Hexachlorobenzene	46,800	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract:

Lab Code: GTC Case No.: SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -007

Sample wt/vol: (g/ml) 5.2/10 Lab File ID: >BN761

Level: (low/med) MED Date Received: 6/14/88

% Moisture: not dec. dec. 29.8 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/25/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
541-73-1-----	1,3-Dichlorobenzene	442	J
106-46-1-----	1,4-Dichlorobenzene	2400	J
95-50-1-----	1,2-Dichlorobenzene	692	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	11,600	
-----	1,2,3-Trichlorobenzene	4060	J
87-68-3-----	Hexachlorobutadiene	68,300	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	2100	J
-----	1,2,3,4-Tetrachlorobenzene	1210	J
-----	Pentachlorobenzene	4020	J
118-74-1-----	Hexachlorobenzene	19,600	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -008

Sample wt/vol: (g/ml) 5.1/10 Lab File ID: >BN762

Level: (low/med) MED Date Received: 6/14/88

% Moisture: not dec. dec. 53.9 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	1330	J
106-46-1-----	1,4-Dichlorobenzene	6450	J
95-50-1-----	1,2-Dichlorobenzene	3840	J
67-72-1-----	Hexachloroethane	7220	J
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	15,200	
-----	1,2,3-Trichlorobenzene	4700	J
87-68-3-----	Hexachlorobutadiene	507,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	4020	J
-----	1,2,3,4-Tetrachlorobenzene	2040	J
-----	Pentachlorobenzene	11,900	
118-74-1-----	Hexachlorobenzene	259,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: ---

Lab Code: GTC Case No.: --- SAS No.: --- SDG No.: ---

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -010

Sample wt/vol: (g/ml) 5.4/10 Lab File ID: >BN766

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 30.4 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	2220	J
106-46-1-----	1,4-Dichlorobenzene	7400	J
95-50-1-----	1,2-Dichlorobenzene	2020	J
67-72-1-----	Hexachloroethane	314,000	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	20,900	
-----	1,2,3-Trichlorobenzene	6670	J
87-68-3-----	Hexachlorobutadiene	479,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	6940	J
-----	1,2,3,4-Tetrachlorobenzene	6410	J
-----	Pentachlorobenzene	7400	J
118-74-1-----	Hexachlorobenzene	393,000	

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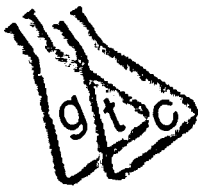
1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -011
 Sample wt/vol: (g/ml) 5.1/10 Lab File ID: >BN767
 Level: (low/med) MED Date Received: 6/15/88
 % Moisture: not dec. dec. 35.2 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	2220	J
106-46-1-----	1,4-Dichlorobenzene	7140	J
95-50-1-----	1,2-Dichlorobenzene	1880	J
67-72-1-----	Hexachloroethane	351,000	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	25,300	
-----	1,2,3-Trichlorobenzene	7140	J
87-68-3-----	Hexachlorobutadiene	86,900	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	9370	-
-----	1,2,3,4-Tetrachlorobenzene	2780	J
-----	Pentachlorobenzene	33,900	
118-74-1-----	Hexachlorobenzene	580,000	

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Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -012

Sample wt/vol: (g/ml) 5.2/10 Lab File ID: >BN768

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 45.3 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	1600	J
106-46-1-----	1,4-Dichlorobenzene	4920	J
95-50-1-----	1,2-Dichlorobenzene	1230	J
67-72-1-----	Hexachloroethane	72,900	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	21,700	
-----	1,2,3-Trichlorobenzene	7610	J
87-68-3-----	Hexachlorobutadiene	337,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	8100	
-----	1,2,3,4-Tetrachlorobenzene	3920	J
-----	Pentachlorobenzene	19,300	
118-74-1-----	Hexachlorobenzene	129,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -013

Sample wt/vol: (g/ml) 5.6/10 Lab File ID: >BN769

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 49.8 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	2210	J
106-46-1-----	1,4-Dichlorobenzene	5480	J
95-50-1-----	1,2-Dichlorobenzene	1980	J
67-72-1-----	Hexachloroethane	149,000	
-----	1,3,5-Trichlorobenzene	678	J
120-82-1-----	1,2,4-Trichlorobenzene	24,900	
-----	1,2,3-Trichlorobenzene	8750	
87-68-3-----	Hexachlorobutadiene	374,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	7390	J
-----	1,2,3,4-Tetrachlorobenzene	4340	J
-----	Pentachlorobenzene	13,500	
118-74-1-----	Hexachlorobenzene	46,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -014
Sample wt/vol: (g/ml) 5.1/10 Lab File ID: >BN770
Level: (low/med) MED Date Received: 6/15/88
% Moisture: not dec. dec. 44.8 Date Extracted: 6/20/88
Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88
GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) ug/kg

541-73-1-----	1,3-Dichlorobenzene	1140	J
106-46-1-----	1,4-Dichlorobenzene	4210	J
95-50-1-----	1,2-Dichlorobenzene	1160	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	22,800	
-----	1,2,3-Trichlorobenzene	7630	J
87-68-3-----	Hexachlorobutadiene	199,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	5220	J
-----	1,2,3,4-Tetrachlorobenzene	2940	J
-----	Pentachlorobenzene	5040	J
118-74-1-----	Hexachlorobenzene	31,300	



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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -015

Sample wt/vol: (g/ml) 5.8/10 Lab File ID: >BN771

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 42.8 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	12,600	
106-46-1-----	1,4-Dichlorobenzene	24,300	
95-50-1-----	1,2-Dichlorobenzene	7050	J
67-72-1-----	Hexachloroethane	1550	J
-----	1,3,5-Trichlorobenzene	879	
120-82-1-----	1,2,4-Trichlorobenzene	65,000	
-----	1,2,3-Trichlorobenzene	19,700	
.87-68-3-----	Hexachlorobutadiene	197,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	9200	
-----	1,2,3,4-Tetrachlorobenzene	5360	J
-----	Pentachlorobenzene	11,700	
118-74-1-----	Hexachlorobenzene	26,500	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -016

Sample wt/vol: (g/ml) 5.4/10 Lab File ID: >BN772

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 50.0 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	2910	J
106-46-1-----	1,4-Dichlorobenzene	9560	
95-50-1-----	1,2-Dichlorobenzene	2940	J
67-72-1-----	Hexachloroethane	107,000	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	30,900	
-----	1,2,3-Trichlorobenzene	10,000	
87-68-3-----	Hexachlorobutadiene	257,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	5780	J
-----	1,2,3,4-Tetrachlorobenzene	2780	J
-----	Pentachlorobenzene	13,900	
118-74-1-----	Hexachlorobenzene	142,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -017

Sample wt/vol: (g/ml) 6.1/10 Lab File ID: >BN773

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 41.5 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	3290	J
106-46-1-----	1,4-Dichlorobenzene	12,200	
95-50-1-----	1,2-Dichlorobenzene	10,500	
67-72-1-----	Hexachloroethane	257,000	
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	28,600	
-----	1,2,3-Trichlorobenzene	8750	
87-68-3-----	Hexachlorobutadiene	445,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	8150	
-----	1,2,3,4-Tetrachlorobenzene	2740	J
-----	Pentachlorobenzene	28,300	
118-74-1-----	Hexachlorobenzene	482,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -018

Sample wt/vol: (g/ml) 5.0/10 Lab File ID: >BN774

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 70.0 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	840	J
106-46-1-----	1,4-Dichlorobenzene	2520	J
95-50-1-----	1,2-Dichlorobenzene	1540	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	1440	J
120-82-1-----	1,2,4-Trichlorobenzene	7960	J
-----	1,2,3-Trichlorobenzene	2140	J
87-68-3-----	Hexachlorobutadiene	175,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	1640	J
-----	1,2,3,4-Tetrachlorobenzene	520	J
-----	Pentachlorobenzene	1780	J
118-74-1-----	Hexachlorobenzene	46,500	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -019

Sample wt/vol: (g/ml) 5.3/10 Lab File ID: >BN775

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 44.7 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

541-73-1-----	1,3-Dichlorobenzene	1550	J
106-46-1-----	1,4-Dichlorobenzene	3980	J
95-50-1-----	1,2-Dichlorobenzene	1420	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	12,300	
-----	1,2,3-Trichlorobenzene	4430	J
87-68-3-----	Hexachlorobutadiene	291,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	3660	J
-----	1,2,3,4-Tetrachlorobenzene	1980	J
-----	Pentachlorobenzene	8080	
118-74-1-----	Hexachlorobenzene	25,000	

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1C - SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782 -020

Sample wt/vol: (g/ml) 6.1/10 Lab File ID: >BN776

Level: (low/med) MED Date Received: 6/15/88

% Moisture: not dec. dec. 37.1 Date Extracted: 6/20/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 7/26/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.10

CAS NO.

COMPOUND

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

Q

541-73-1-----	1,3-Dichlorobenzene	901	J
106-46-1-----	1,4-Dichlorobenzene	2800	J
95-50-1-----	1,2-Dichlorobenzene	2920	J
67-72-1-----	Hexachloroethane	8000	U
-----	1,3,5-Trichlorobenzene	8000	U
120-82-1-----	1,2,4-Trichlorobenzene	9560	
-----	1,2,3-Trichlorobenzene	3310	J
87-68-3-----	Hexachlorobutadiene	282,000	
-----	1,2,3,5-Tetrachlorobenzene +		
-----	1,2,4,5-Tetrachlorobenzene	3440	J
-----	1,2,3,4-Tetrachlorobenzene	2200	J
-----	Pentachlorobenzene	17,400	
118-74-1-----	Hexachlorobenzene	70,300	



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) Soil Lab Sample ID: R88/01782-BLK

Sample wt/vol: 5.0 (g/ml) g Lab File ID: _____
Level: (low/med) Med Date Received: --
% Moisture: not dec. dec. -- Date Extracted: 6/20/88
Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/19/88
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlorepoide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	10	U
72-55-9	4,4'-DDE	10	U
72-20-8	Endrin	10	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	10	U
1031-07-8	Endosulfan Sulfate	20	U
50-29-3	4,4'-DDT	20	U
72-43-5	Methoxychlor	40	U
53494-70-5	Endrin Ketone	40	U
5103-71-9	alpha-chlordane	40	U
5103-74-2	gamma-chlordane	40	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	100	U
11096-82-5	Aroclor-1260	100	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) Soil Lab Sample ID: R88/01782-BLK

Sample wt/vol: 5.0 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: _____
 % Moisture: not dec. _____ dec. _____ Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/19/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlorepoide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	10	U
72-55-9	4,4'-DDE	10	U
72-20-8	Endrin	10	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	10	U
1031-07-8	Endosulfan Sulfate	20	U
50-29-3	4,4'-DDT	20	U
72-43-5	Methoxychlor	40	U
53494-70-5	Endrin Ketone	40	U
5103-71-9	alpha-chlordane	40	U
5103-74-2	gamma-chlordane	40	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	100	U
11096-82-5	Aroclor-1260	100	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-002

Sample wt/vol: 5.3 (g/ml) g Lab File ID:
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 16.3 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/19,20/88
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.05

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6-----	alpha-BHC	7080	
319-85-7-----	beta-BHC	2000	U
319-86-8-----	delta-BHC	2000	U
58-89-9-----	gamma-BHC (Lindane)	2000	U
76-44-8-----	Heptachlor	2000	U
309-00-2-----	Aldrin	2000	U
1024-57-3-----	Heptachlorepoxide	2000	U
959-98-8-----	Endosulfan I	2000	U
60-57-1-----	Dieldrin	2000	U
72-55-9-----	4,4'-DDE	2000	U
72-20-8-----	Endrin	2000	U
33213-65-9-----	Endosulfan II	4000	U
72-54-8-----	4,4'-DDD	2000	U
1031-07-8-----	Endosulfan Sulfate	4000	U
50-29-3-----	4,4'-DDT	4000	U
72-43-5-----	Methoxychlor	8000	U
53494-70-5-----	Endrin Ketone	8000	U
5103-71-9-----	alpha-chlordane	8000	U
5103-74-2-----	gamma-chlordane	8000	U
8001-35-2-----	Toxaphene	40,000	U
12674-11-2-----	Aroclor-1016	40,000	U
11104-28-2-----	Aroclor-1221	40,000	U
11141-16-5-----	Aroclor-1232	40,000	U
53469-21-9-----	Aroclor-1242	40,000	U
12672-29-6-----	Aroclor-1248	20,000	U
11097-69-1-----	Aroclor-1254	592,000	
11096-82-5-----	Aroclor-1260	20,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-003

Sample wt/vol: 5.4 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 33.1 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/19,20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg)ug/kg Q

319-84-6-----	alpha-BHC	52,900	
319-85-7-----	beta-BHC	12,400	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoide	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	1,450,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-004

Sample wt/vol: 5.3 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. _____ dec. 35.4 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/19,20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg Q

319-84-6-----	alpha-BHC	44,100	
319-85-7-----	beta-BHC	8700	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoide	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	2,490,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-005

Sample wt/vol: 5.4 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. _____ dec. 37.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg Q

319-84-6	alpha-BHC	28,400	
319-85-7	beta-BHC	12,100	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	3,210,000	
11097-69-1	Aroclor-1254	20,000	U
11096-82-5	Aroclor-1260	20,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-006

Sample wt/vol: 5.4 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 16.1 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6-----	alpha-BHC	14,400	
319-85-7-----	beta-BHC	4330	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoide	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	863,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-007

Sample wt/vol: 5.2 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 29.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.05

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6	alpha-BHC	27,000	
319-85-7	beta-BHC	13,500	
319-86-8	delta-BHC	2000	U
58-89-9	gamma-BHC (Lindane)	2000	U
76-44-8	Heptachlor	2000	U
309-00-2	Aldrin	2000	U
1024-57-3	Heptachlorepoide	2000	U
959-98-8	Endosulfan I	2000	U
60-57-1	Dieldrin	2000	U
72-55-9	4,4'-DDE	2000	U
72-20-8	Endrin	2000	U
33213-65-9	Endosulfan II	4000	U
72-54-8	4,4'-DDD	2000	U
1031-07-8	Endosulfan Sulfate	4000	U
50-29-3	4,4'-DDT	4000	U
72-43-5	Methoxychlor	8000	U
53494-70-5	Endrin Ketone	8000	U
5103-71-9	alpha-chlordane	8000	U
5103-74-2	gamma-chlordane	8000	U
8001-35-2	Toxaphene	40,000	U
12674-11-2	Aroclor-1016	40,000	U
11104-28-2	Aroclor-1221	40,000	U
11141-16-5	Aroclor-1232	40,000	U
53469-21-9	Aroclor-1242	20,000	U
12672-29-6	Aroclor-1248	287,000	
11097-69-1	Aroclor-1254	20,000	U
11096-82-5	Aroclor-1260	20,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-008

Sample wt/vol: 5.1 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/14/88
 % Moisture: not dec. dec. 53.9 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6	alpha-BHC	35,100	
319-85-7	beta-BHC	13,300	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	3,300,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-010

Sample wt/vol: 5.4 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 30.4 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	1160	
319-85-7	beta-BHC	20,000	U
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	6,670,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U

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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-011

Sample wt/vol: 5.1 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 35.2 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO.

COMPOUND

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

Q

319-84-6	alpha-BHC	138,000	
319-85-7	beta-BHC	12,800	
319-86-8	delta-BHC	20,000	
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	20,000	U
72-54-8	4,4'-DDD	40,000	U
1031-07-8	Endosulfan Sulfate	20,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	40,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	80,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	400,000	U
12672-29-6	Aroclor-1248	200,000	U
11097-69-1	Aroclor-1254	7,530,000	
11096-82-5	Aroclor-1260	200,000	U
		200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-012

Sample wt/vol: 5.2 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 45.3 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	83,700	
319-85-7	beta-BHC	9850	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	5,380,000	
11097-69-1	Aroclor-1254	20,000	U
11096-82-5	Aroclor-1260	20,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-013

Sample wt/vol: 5.6 (g/ml) g Lab File ID:
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 49.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6-----	alpha-BHC	80,200	
319-85-7-----	beta-BHC	18,000	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoide	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	1,240,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-014

Sample wt/vol: 5.1 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 44.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	46,300	
319-85-7	beta-BHC	15,300	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoxyde	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	319,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-015

Sample wt/vol: 5.8 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 42.8 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	134,000	
319-85-7	beta-BHC	103,000	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoxyde	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	149,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-016

Sample wt/vol: 5.4 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 50.0 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q

319-84-6	alpha-BHC	106,000	
319-85-7	beta-BHC	24,500	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	4,630,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-017

Sample wt/vol: 6.1 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 41.5 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6-----	alpha-BHC	113,000	
319-85-7-----	beta-BHC	14,100	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoxyde	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	3,230,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-018

Sample wt/vol: 5.0 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. dec. 70.0 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/kg Q

319-84-6	alpha-BHC	34,300	
319-85-7	beta-BHC	9520	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	1,660,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-019

Sample wt/vol: 5.3 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 44.7 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20,21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q

319-84-6-----	alpha-BHC	29,200	
319-85-7-----	beta-BHC	5000	
319-86-8-----	delta-BHC	20,000	U
58-89-9-----	gamma-BHC (Lindane)	20,000	U
76-44-8-----	Heptachlor	20,000	U
309-00-2-----	Aldrin	20,000	U
1024-57-3-----	Heptachlorepoxyde	20,000	U
959-98-8-----	Endosulfan I	20,000	U
60-57-1-----	Dieldrin	20,000	U
72-55-9-----	4,4'-DDE	20,000	U
72-20-8-----	Endrin	20,000	U
33213-65-9-----	Endosulfan II	40,000	U
72-54-8-----	4,4'-DDD	20,000	U
1031-07-8-----	Endosulfan Sulfate	40,000	U
50-29-3-----	4,4'-DDT	40,000	U
72-43-5-----	Methoxychlor	80,000	U
53494-70-5-----	Endrin Ketone	80,000	U
5103-71-9-----	alpha-chlordane	80,000	U
5103-74-2-----	gamma-chlordane	80,000	U
8001-35-2-----	Toxaphene	400,000	U
12674-11-2-----	Aroclor-1016	400,000	U
11104-28-2-----	Aroclor-1221	400,000	U
11141-16-5-----	Aroclor-1232	400,000	U
53469-21-9-----	Aroclor-1242	200,000	U
12672-29-6-----	Aroclor-1248	449,000	
11097-69-1-----	Aroclor-1254	200,000	U
11096-82-5-----	Aroclor-1260	200,000	U

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1D - PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-020

Sample wt/vol: 6.1 (g/ml) g Lab File ID: _____
 Level: (low/med) Med Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 37.1 Date Extracted: 6/20/88
 Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 7/20, 21/88
 GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
319-84-6	alpha-BHC	21,600	
319-85-7	beta-BHC	11,700	
319-86-8	delta-BHC	20,000	U
58-89-9	gamma-BHC (Lindane)	20,000	U
76-44-8	Heptachlor	20,000	U
309-00-2	Aldrin	20,000	U
1024-57-3	Heptachlorepoide	20,000	U
959-98-8	Endosulfan I	20,000	U
60-57-1	Dieldrin	20,000	U
72-55-9	4,4'-DDE	20,000	U
72-20-8	Endrin	20,000	U
33213-65-9	Endosulfan II	40,000	U
72-54-8	4,4'-DDD	20,000	U
1031-07-8	Endosulfan Sulfate	40,000	U
50-29-3	4,4'-DDT	40,000	U
72-43-5	Methoxychlor	80,000	U
53494-70-5	Endrin Ketone	80,000	U
5103-71-9	alpha-chlordane	80,000	U
5103-74-2	gamma-chlordane	80,000	U
8001-35-2	Toxaphene	400,000	U
12674-11-2	Aroclor-1016	400,000	U
11104-28-2	Aroclor-1221	400,000	U
11141-16-5	Aroclor-1232	400,000	U
53469-21-9	Aroclor-1242	200,000	U
12672-29-6	Aroclor-1248	1,220,000	
11097-69-1	Aroclor-1254	200,000	U
11096-82-5	Aroclor-1260	200,000	U



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-001
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. _____ dec. 24.0 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/24/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	1410	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-002
Sample wt/vol: 1.0 _____ (g/ml)¹⁰ Lab File ID: _____
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. _____ dec. 16.3 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/24/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	1220	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____ --
Lab Code: G.T.C. Case No.: _____ -- SAS No.: _____ -- SDG No.: _____ --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-003
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. _____ dec. 3.1 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/24/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	4700	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-004
 Sample wt/vol: 1.0 (g/ml) 10 Lab File ID:
 Level: (low/med) Med. Date Received: 6/14/88
 % Moisture: not dec. dec. 35.4 Date Extracted: 6/24/88
 Extraction: (SepF/Cont/Sonc) Date Analyzed: 6/24/88
 GPC Cleanup: (Y/N) pH: Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	13,000	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-005
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID:
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. dec. 37.8 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) Date Analyzed: 6/24/88
GPC Cleanup: (Y/N) pH: Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	4830	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: --- SAS No.: --- SDG No.: ---
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-006
Sample wt/vol: 1.0 (g/ml)¹⁰ Lab File ID: _____
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. _____ dec. 16.1 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	1510	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____

Lab Code: G.T.C. Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-007

Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____

Level: (low/med) Med. Date Received: 6/14/88

% Moisture: not dec. _____ dec. 29.8 Date Extracted: 6/24/88

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88

GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	19,700	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-008
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/14/88
% Moisture: not dec. _____ dec. 53.9 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	3950	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-010
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/15/88
% Moisture: not dec. dec. 30.4 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) Date Analyzed: 6/25/88
GPC Cleanup: (Y/N) pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	4400	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-011
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/15/88
% Moisture: not dec. _____ dec. 35.2 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	15,200	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.I.C. Case No.: --- SAS No.: --- SDG No.: ---
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-012
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/15/88
% Moisture: not dec. _____ dec. 45.3 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	16,900	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-013
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/15/88
% Moisture: not dec. _____ dec. 49.8 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/27/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	16,000	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____

Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-014

Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____

Level: (low/med) Med. Date Received: 6/15/88

% Moisture: not dec. _____ dec. 44.8 Date Extracted: 6/24/88

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/25/88

GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	7920	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: G.T.C. Case No.: --- SAS No.: --- SDG No.: ---
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-015
 Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
 Level: (low/med) Med. Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 42.8 Date Extracted: 6/24/88
 Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/27/88
 GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.020

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	7540	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: --
 Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-016
 Sample wt/vol: 1.0 (g/ml)¹⁰ Lab File ID:
 Level: (low/med) Med. Date Received: 6/15/88
 % Moisture: not dec. dec. 50.0 Date Extracted: 6/24/88
 Extraction: (SepF/Cont/Sonc) Date Analyzed: 6/28/88
 GPC Cleanup: (Y/N) pH: Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	8090	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____

Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-017

Sample wt/vol: 1.0 (g/ml) ¹⁰ Lab File ID: _____

Level: (low/med) Med. Date Received: 6/15/88

% Moisture: not dec. _____ dec. 41.5 Date Extracted: 6/24/88

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/28/88

GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/kg
	-----Chlorobenzene	16,800	Q



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-018
Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
Level: (low/med) Med. Date Received: 6/15/88
% Moisture: not dec. _____ dec. 70.0 Date Extracted: 6/24/88
Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/28/88
GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.005

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/kg	Q
	-----Chlorobenzene	2060	



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1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____

Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-019

Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____

Level: (low/med) Med. Date Received: 6/15/88

% Moisture: not dec. _____ dec. 44.7 Date Extracted: 6/24/88

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/28/88

GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/kg
	-----Chlorobenzene	12,800	Q



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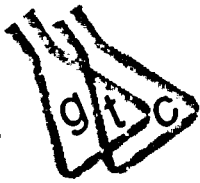
1D*- 8020 ORGANICS ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --
 Matrix: (soil/water) SOIL Lab Sample ID: R88/01782-020
 Sample wt/vol: 1.0 (g/ml) 10 Lab File ID: _____
 Level: (low/med) Med. Date Received: 6/15/88
 % Moisture: not dec. _____ dec. 37.1 Date Extracted: 6/24/88
 Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 6/28/88
 GPC Cleanup: (Y/N) _____ pH: _____ Dilution Factor: 0.010

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
	-----Chlorobenzene	13,700	

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1 - INORGANIC ANALYSIS DATA SHEET

Lab Name: General Testing Corp. Contract: _____
 Lab Code: GTC Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix (soil/water): SOIL Lab Sample ID: R88/01782
 Level (low/med): MED Date Received: 6/14-15/88
 % Solids See Below

Concentration Units (ug/L or mg/kg dry weight): mg/kg

Lab Sample ID	% Solids	Mercury Concentration	C	M	Q
R88/01782 -001	76.0	5.6		CV	
R88/01782 -002	83.7	11		CV	
R88/01782 -003	66.9	52		CV	
R88/01782 -004	64.6	59		CV	
R88/01782 -005	62.2	55		CV	
R88/01782 -006	83.9	3.8		CV	
R88/01782 -007	70.2	4.0		CV	
R88/01782 -008	46.1	67		CV	
R88/01782 -009	--	--		CV	
R88/01782 -010	69.6	53		CV	
R88/01782 -011	64.8	56			
R88/01782 -012	54.7	58		CV	
R88/01782 -013	50.2	70		CV	
R88/01782 -014	55.2	4.3		CV	
R88/01782 -015	57.2	4.2		CV	
R88/01782 -016	50.0	46		CV	
R88/01782 -017	58.5	51		CV	
R88/01782 -018	30.0	60		CV	
R88/01782 -019	55.3	4.5		CV	
R88/01782 -020	62.9	3.5		CV	

Color Before: NR Clarity Before: _____ Texture: NR

Color After: NR Clarity After: _____ Artifacts: NR

Comments: NR = Not Required by SW846 Methodology

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LABORATORY REPORT

Job No: R88/01782

Date: NOV. 17 1988

Client:

Mr. Bev Adams
E.I. DuPont de NeMours
Buffalo Avenue & 26th St.
Niagara Falls, NY 14302

Sample(s) Reference:

GILL CREEK-SS BATCH 3

Received

: 6/14/88-6/15/88

P.O. #:

ANALYTICAL UNITS - %

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	2-T5-2S	2-T6-3S	2-T6-1S	2-T6-2D	2-T6-1D	2-T6-3D	2-T5-3D	2-T6-2S
Date Collected:	6/14/88	6/14/88	6/14/88	6/14/88	6/14/88	6/14/88	6/14/88	6/14/88
Time Collected:	16:40	15:37	10:44	11:08	10:44	15:37	16:15	11:08
Solids, Total Volatile	13.2	14.1	16.7	16.5	14.5	5.00	7.34	12.2

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedures used. Data on quality control performed with above sample(s) is available upon request.

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LABORATORY REPORT

Job No: R88/01782

Date: NOV. 17 1988

Client:

Mr. Bev Adams
E.I. DuPont de NeMours
Buffalo Avenue & 26th St.
Niagara Falls, NY 14302

Sample(s) Reference:

GILL CREEK-SS BATCH 3

Received

: 6/14/88-6/15/88

P.O. #:

ANALYTICAL UNITS - %

Sample:	-010	-011	-012	-013	-014	-015	-016	-017
Location:	3-T7-2S	3-T7-1S	3-T7-1D Duplicate	3-T8-1D Duplicate	3-T8-3D	3-T8-2D	3-T8-2M	3-T8-1S
Date Collected:	6/15/88	6/15/88	6/15/88	6/15/88	6/15/88	6/15/88	6/15/88	6/15/88
Time Collected:	11:35	14:58	14:58	09:59	09:35	10:18	10:18	09:59

Solids, Total Volatile	10.2	14.0	16.2	11.1	12.8	15.7	11.9	14.6
------------------------	------	------	------	------	------	------	------	------

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedures used. Data on quality control performed with above sample(s) is available upon request.

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LABORATORY REPORT

Job No: R88/01782

Date: NOV. 17 1988

Client:

Mr. Bev Adams
E.I. DuPont de Nemours
Buffalo Avenue & 26th St.
Niagara Falls, NY 14302

Sample(s) Reference:

GILL CREEK-SS BATCH 3

Received

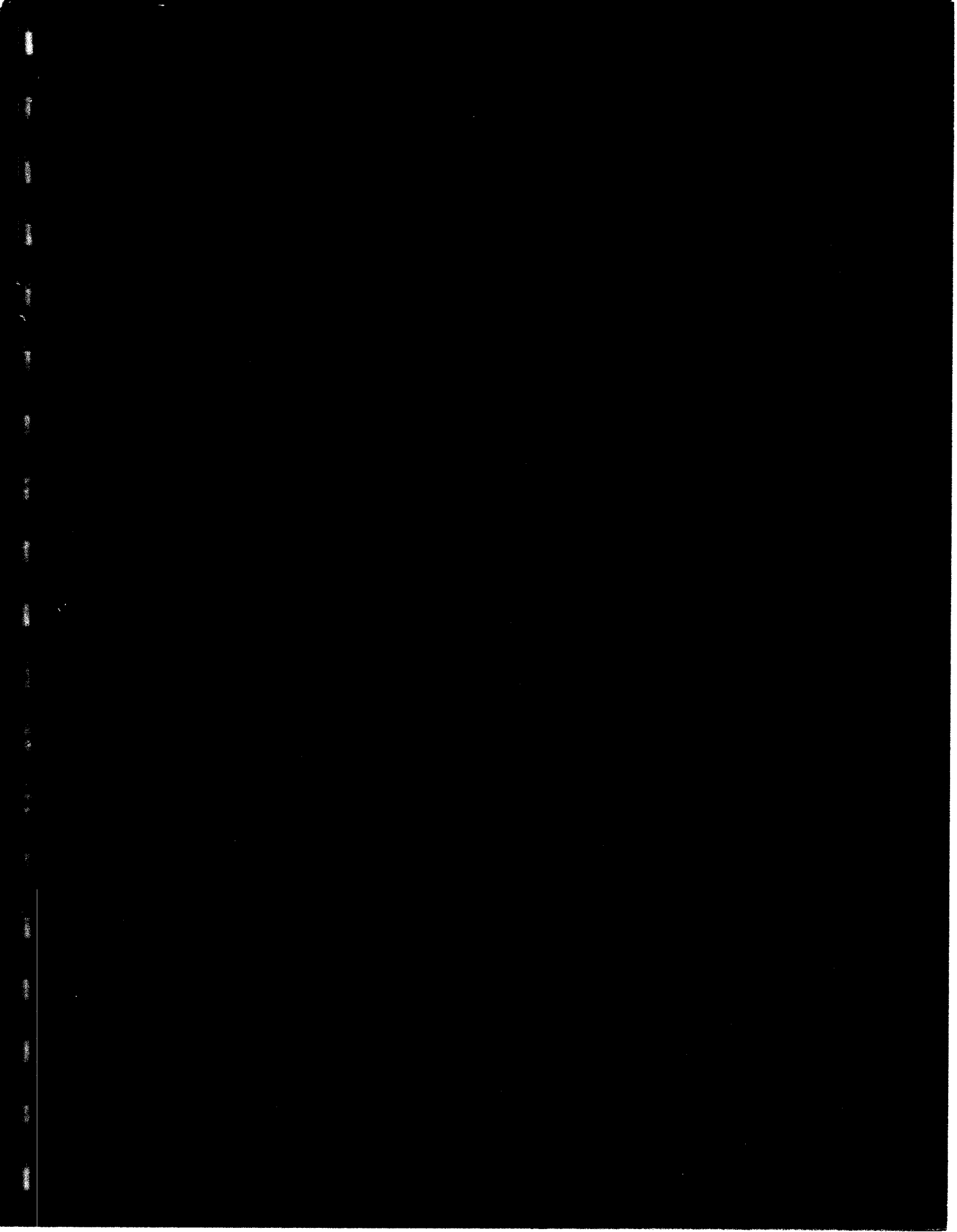
: 6/14/88-6/15/88

P.O. #:

ANALYTICAL UNITS - %

Sample:	-018	-019	-020					
Location:	3-T8-3S	3-T8-10	3-T7-10					
Date Collected:	6/15/88	6/15/88	6/15/88					
Time Collected:	09:35	09:59	14:58					
<hr/>								
Solids, Total Volatile	14.4	14.5	21.3					

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedures used. Data on quality control performed with above sample(s) is available upon request.



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2D - SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: General Testing Corp. Contract:

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	R88/1782 - 1	111	87						0
02	R88/1782 - 2	122*	86						0
03	R88/1782 - 3	0*	0*						2
04	R88/1782 - 4	111	79						0
05	R88/1782 - 4 MS	112	77						0
06	R88/1782 - 4 MSD	111	81						0
07	R88/1782 - 5	117	87						0
08	R88/1782 - 6	112	78						0
09	R88/1782 - 7	115	93						0
10	R88/1782 - 8	110	84						0
11	R88/1782 - 10	115	80						0
12	R88/1782 - 11	111	77						0
13	R88/1782 - 12	119	79						0
14	R88/1782 - 13	117	79						0
15	R88/1782 - 14	121*	85						1
16	R88/1782 - 15	124*	84						1
17	R88/1782 - 16	122*	75						1
18	R88/1782 - 17	124*	86						1
19	R88/1782 - 18	123*	82						1
20	R88/1782 - 19	125*	77						1
21	R88/1782 - 20	118	79						0
22									
23									
24									
25									
26									
27									
28									
29									
30									

QC LIMITS

QC LIMIT

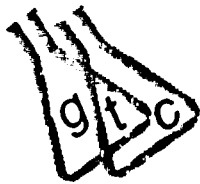
S1 (NBZ) = Nitrobenzene-d5 (23-120) S4 (PHL) = Phenol-d6 (24-113)
 S2 (FBP) = 2-Fluorobiphenyl (30-115) S5 (2FP) = 2-Fluorophenol (25-121)
 S3 (TPH) = Terphenyl-d14 (18-137) S6 (TBP) = 2,4,6-Tribromophenol (19-122)

Column to be used to flag recovery values
 * Values outside of contract required QC limits

D Surrogates diluted out

page 1 of 1

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2F - SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	R88/01782 -001	D	
02	R88/01782 -002	D	
03	R88/01782 -003	D	
04	R88/01782 -004	D	
05	R88/01782 -004MS	D	
06	R88/01782 -004MSD	D	
07	R88/01782 -005	D	
08	R88/01782 -006	D	
09	R88/01782 -007	D	
10	R88/01782 -008	D	
11	R88/01782 -009	--	
12	R88/01782 -010	D	
13	R88/01782 -011	D	
14	R88/01782 -012	D	
15	R88/01782 -013	D	
16	R88/01782 -014	D	
17	R88/01782 -015	D	
18	R88/01782 -016	D	
19	R88/01782 -017	D	
20	R88/01782 -018	D	
21	R88/01782 -019	D	
22	R88/01782 -020	D	
23	R88/01782 -BLK1	156% *	
24	R88/01782 -BLK2	131%	
25			
26			
27			
28			
29			
30			

S1 (DBC) = Dibutylchloroendate
Column used to flag recovery values
* Values outside of QC limits
D Surrogates diluted out

ADVISORY
QC LIMITS
(20-150)

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2F* - SOIL 8020 SURROGATE RECOVERY

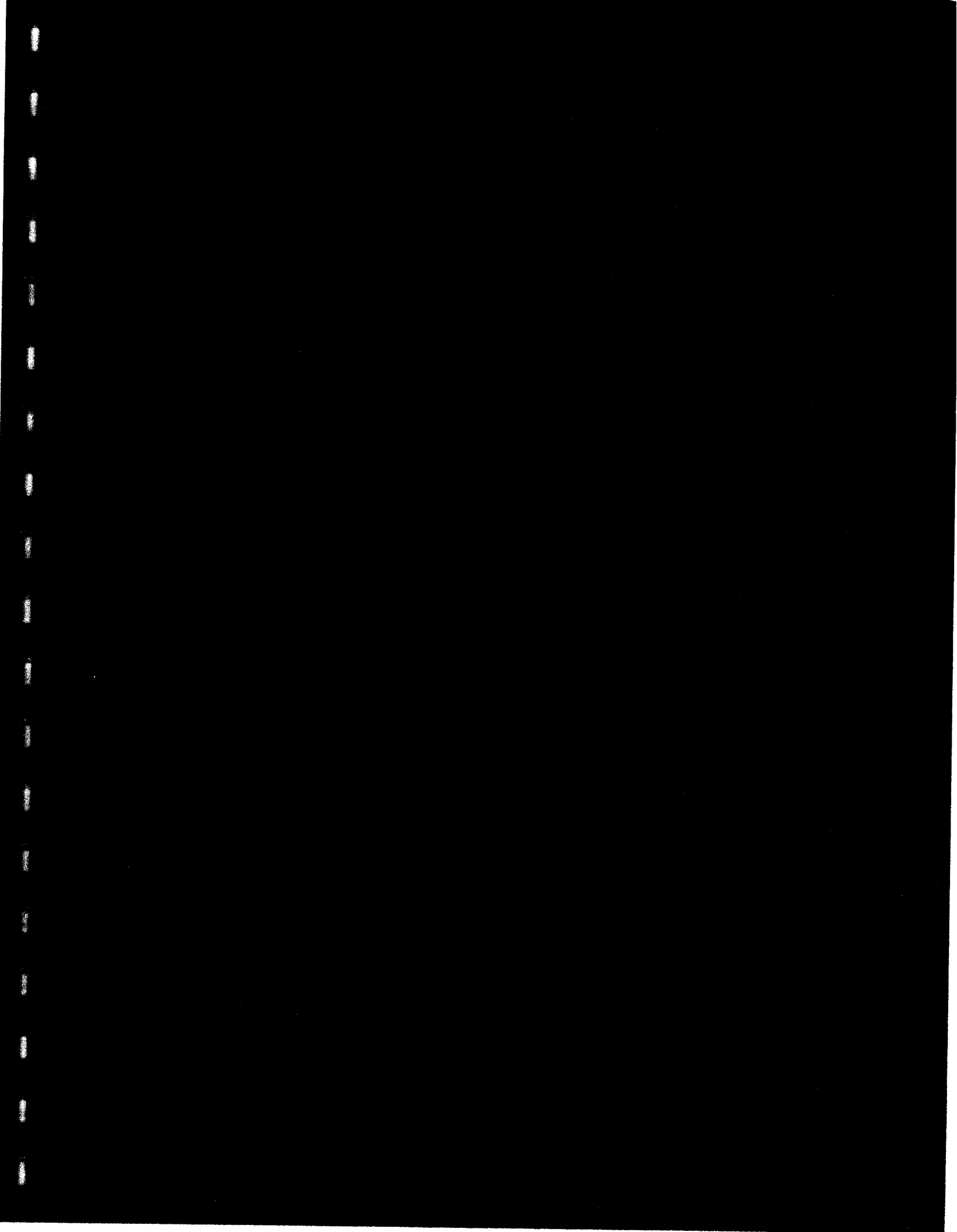
Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

	EPA SAMPLE NO.	S1 (DBC) #	OTHER
01	R88/01782 -001	109%	
02	R88/01782 -002	102%	
03	R88/01782 -003	96%	
04	R88/01782 -004	96%	
05	R88/01782 -005	91%	
06	R88/01782 -006	102%	
07	R88/01782 -007	93%	
08	R88/01782 -008	95%	
09	R88/01782 -009	--	
10	R88/01782 -010	101%	
11	R88/01782 -011	101%	
12	R88/01782 -012	102%	
13	R88/01782 -013	89%	
14	R88/01782 -014	93%	
15	R88/01782 -015	99%	
16	R88/01782 -016	99%	
17	R88/01782 -017	99%	
18	R88/01782 -018	107%	
19	R88/01782 -019	99%	
20	R88/01782 -020	94%	
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

S1 (TMB) = 2,3,5-Trimethylbenzene
Column used to flag recovery values
* Values outside of QC limits
D Surrogates diluted out

ADVISORY
QC LIMITS
(NA)





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3D - SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --
 Matrix Spike - EPA Sample No. : R88/1782-4 Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENT. (ug/Kg)	MS CONCENT. (ug/Kg)	MS % REC #	QC LIMITS REC.
1,3-Dichlorobenzene	104,000	<8000	83,100	77	D- 172
1,4-Dichlorobenzene	83,170	<8000	60,000	68	20-124
1,2-Dichlorobenzene	76,530	<8000	67,800	72	32-129
Hexachloroethane	70,500	17,700	75,300	78	40-113
1,2,4-Trichlorobenzene	116,900	11,200	103,000	75	44-142
Hexachlorobutadiene	85,280	418,000	400,000	**	24-116
Hexachlorobenzene	68,500	223,000	255,00	33	D-152

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENT. (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,3-Dichlorobenzene	104,000	79,600	72	6.7	40	D-172
1,4-Dichlorobenzene	83,170	61,800	70	2.9	40	20-124
1,2-Dichlorobenzene	76,530	67,100	71	1.4	40	32-129
Hexachloroethane	70,500	73,800	78	0.8	40	40-113
1,2,4-Trichlorobenzene	116,900	98,800	73	2.7	40	44-142
Hexachlorobutadiene	85,280	435,000	**		40	24-116
Hexachlorobenzene	68,500	272,000	64	63*	40	D-152

Columns to be used to flag recovery and RPD values with an asterik
 * Values outside of QC limits

RPD: 1 out of 6 outside limits
 Spike Recovery: 0 out of 12 outside limits

COMMENTS: ** Spiked too low

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3F - SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp. Contract: _____

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix Spike - EPA Sample No. : R88/1782 - 4 Level: (low/med) Med

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENT. (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	40	0	D		46-127
Heptachlor	40	0	D		35-130
Aldrin	40	0	D		34-132
Dieldrin	100	0	D		31-134
Endrin	100	0	D		42-139
4,4'-DDT	100	0	D		23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENT. (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	40	D			50	46-127
Heptachlor	40	D			31	35-130
Aldrin	40	D			43	34-132
Dieldrin	100	D			38	31-134
Endrin	100	D			45	42-139
4,4'-DDT	100	D			50	23-134

Columns to be used to flag recovery and RPD values with an asterik

* Values outside of QC limits

RPD: 0 out of 12 outside limits

Spike Recovery: 0 out of 6 outside limits

COMMENTS: Spikes were diluted out due to high levels of Pests/PCB's in sample

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3E* - SOIL 8020 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix Spike - EPA Sample No. : R88/01782 -004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/l)	MS CONCENT. (ug/L)	MS % REC #	QC LIMITS REC.
Chlorobenzene	58.5	64.9	124	101	65-120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/l)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Chlorobenzene	58.5	115	85.5	7.5	30 65-120

Columns to be used to flag recovery and RPD values with an asterik

* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS: _____

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3E* - SOIL 8020 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix Spike - EPA Sample No. : R88/01782 -016

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/l)	MS CONCENT. (ug/L)	MS % REC #	QC LIMITS REC.
Chlorobenzene	58.5	40.5	94.6	92.5	65-120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/l)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Chlorobenzene	58.5	94.2	91.8	3.0	30	65-120

Columns to be used to flag recovery and RPD values with an asterik

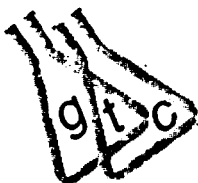
* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS: _____

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R88/1782-008 (Metals)
 NYSDEC Sample No. R88/1782-004 (% Solids)
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6 - DUPLICATES

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample : 64.6 % Solids for Duplicate: 65.9

Concentration Units (ug/L or mg/kg wet weight): mg/kg

ANALYTE	Control Limit	Sample (S)		Duplicate (D)		RPD	Q	M
			C		C			
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury								
Nickel		30.8		30.7		0.32		CV
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								
Cyanide								

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NYSDEC Sample No. _____

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5A - SPIKE SAMPLE RECOVERY

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

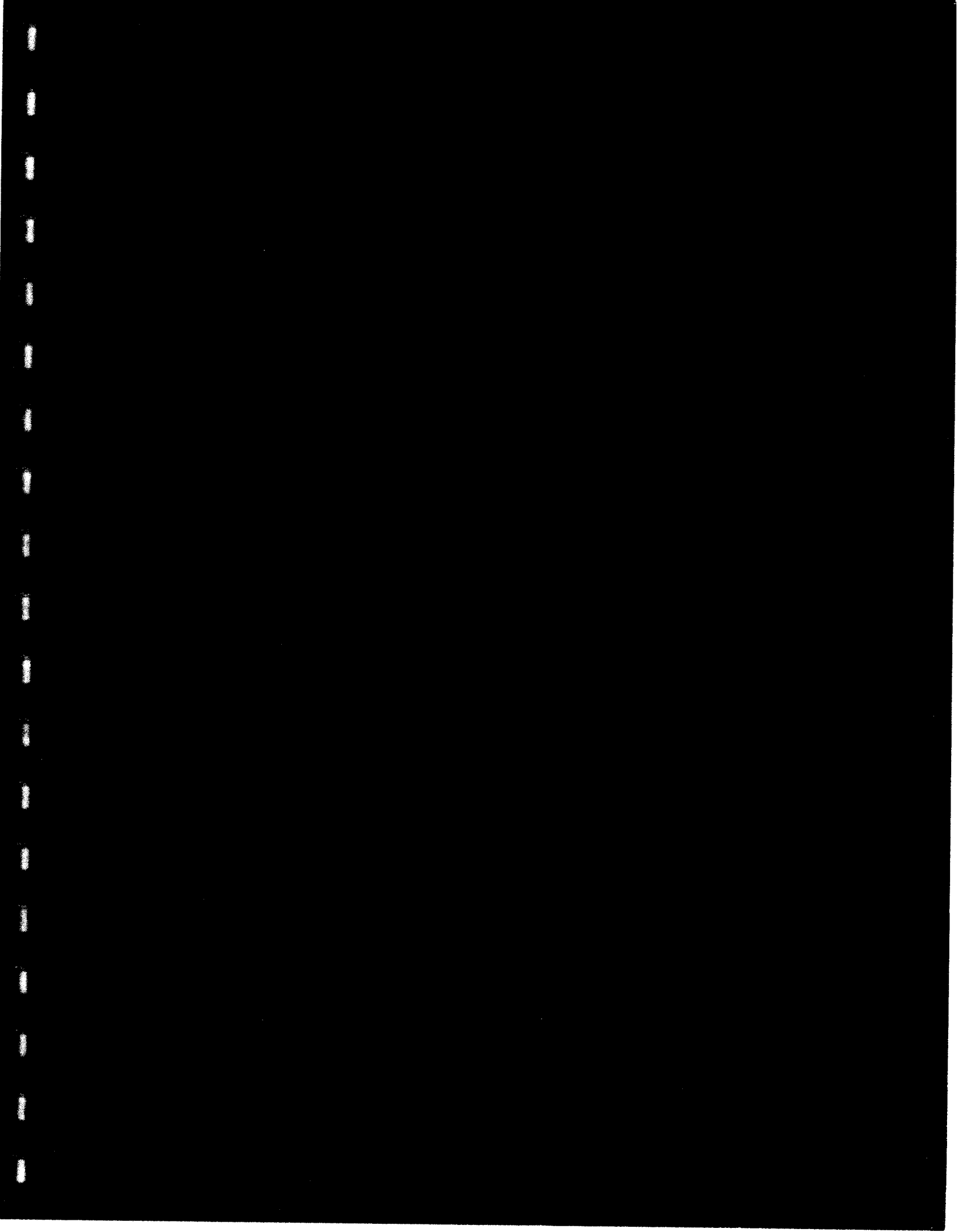
Matrix (soil/water): SOIL Level (low/med): MED

Concentration Units (ug/L or mg/kg wet weight): mg/kg

ANALYTE	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium							
Cobalt							
Copper							
Iron							
Lead							
Magnesium							
Manganese							
Mercury		NOT RUN	31	0.5	0		CV
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							
Cyanide							

Comments:

SPIKED SAMPLE BOTTLE WAS NOT RUN AFTER DETERMINING THAT THE SPIKE WAS IRRELEVANT TO THE AMOUNT IN THE SAMPLE



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4B - SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract:
 Lab Code: GTC Case No.: SAS No.: SDG No.:
 Lab File ID: >BN751 Lab Sample ID: R88/1782 - Blank
 Date Extracted: 6/20/88 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed: 7/25/88 Time Analyzed: 13:28
 Matrix: (soil/water) Soil Level: (low/med) MED
 Instrument ID: MS#2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	R88/1782 - 1	>BN753	7/25/88
02	R88/1782 - 2	>BN754	7/25/88
03	R88/1782 - 3	>BN755	7/25/88
04	R88/1782 - 4	>BN756	7/25/88
05	R88/1782 - 4MS	>BN757	7/25/88
06	R88/1782 - 4MSD	>BN758	7/25/88
07	R88/1782 - 5	>BN759	7/25/88
08	R88/1782 - 6	>BN760	7/25/88
09	R88/1782 - 7	>BN761	7/25/88
10	R88/1782 - 8	>BN762	7/26/88
11	R88/1782 - 10	>BN766	7/26/88
12	R88/1782 - 11	>BN767	7/26/88
13	R88/1782 - 12	>BN768	7/26/88
14	R88/1782 - 13	>BN769	7/26/88
15	R88/1782 - 14	>BN770	7/26/88
16	R88/1782 - 15	>BN771	7/26/88
17	R88/1782 - 16	>BN772	7/26/88
18	R88/1782 - 17	>BN773	7/26/88
19	R88/1782 - 18	>BN774	7/26/88
20	R88/1782 - 19	>BN775	7/26/88
21	R88/1782 - 20	>BN776	7/26/88
22			
23			
24			
25			
26			
27			
28			
29			
30			

COMMENTS: _____

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4C - PESTICIDE METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Lab Sample ID: R88/1782 - Blank 1
Matrix: (soil/water) Soil
Date Extracted: 6/20/88
Date Analyzed: (1): 7/19/88
Time Analyzed: (1): 17:25
Instrument ID (1): A
GC Column ID (1): 1.95%SP2401/1.5%SP2250

Lab File ID: --
Level: (low/med) Med
Extraction: (SepF/Cont/Sonc) Sonc
Date Analyzed: (2):
Time Analyzed: (2):
Instrument ID (2): B
GC Column ID (2): 3%SP2100

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	R88/1782 - 1	7/19,20/88	8/9/88
02	R88/1782 - 2	7/19,20/88	
03	R88/1782 - 3	7/19,20/88	
04	R88/1782 - 4	7/19,20/88	
05	R88/1782 - 4 MS	7/19,20/88	
06	R88/1782 - 4 MSD	7/19,20/88	
07	R88/1782 - 5	7/20/88	
08	R88/1782 - 6	7/20/88	
09	R88/1782 - 7	7/20/88	8/10/88
10	R88/1782 - 8	7/20/88	
11	R88/1782 - 10	7/20,21/88	
12	R88/1782 - 11	7/20,21/88	
13	R88/1782 - 12	7/20,21/88	
14	R88/1782 - 13	7/20,21/88	
15	R88/1782 - 14	7/20,21/88	
16	R88/1782 - 15	7/20,21/88	
17	R88/1782 - 16	7/20,21/88	
18	R88/1782 - 17	7/20,21/88	
19	R88/1782 - 18	7/20,21/88	
20	R88/1782 - 19	7/20,21/88	
21	R88/1782 - 20	7/20,21/88	
22			
23			
24			
25			
26			

COMMENTS: _____

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4C - 8020 METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract: --
 Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Lab Sample ID: 8020 Lab Blank
 Matrix: (soil/water) Soil
 Date Extracted: _____
 Date Analyzed: (1): 6/24/88
 Time Analyzed: (1): 07:23
 Instrument ID (1): Tracor 560
 GC Column ID (1): 1.75% Bentone

Lab File ID: _____
 Level: (low/med) Med.
 Extraction: (SepF/Cont/Sonc) _____
 Date Analyzed: (2): _____
 Time Analyzed: (2): _____
 Instrument ID (2): _____
 GC Column ID (2): _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	R88/1782-1	6/24/88	
02	R88/1782-2	6/24/88	
03	R88/1782-3	6/24/88	
04	R88/1782-4	6/24/88	
05	R88/1782-5	6/24/88	
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			

COMMENTS: _____

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4C - 8020 METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract: _____

Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Lab Sample ID: 8020 Lab Blank Lab File ID: _____
 Matrix: (soil/water) Soil Level: (low/med) Med. _____
 Date Extracted: _____ Extraction: (SepF/Cont/Sonc) _____
 Date Analyzed: (1): 6/27/88 Date Analyzed: (2): _____
 Time Analyzed: (1): 13:31 Time Analyzed: (2): _____
 Instrument ID (1): Tracor 560 Instrument ID (2): _____
 GC Column ID (1): 1.75% Bentone GC Column ID (2): _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01			
02	R88/1782-13	6/27/88	
03	R88/1782-15	6/27/88	
04			
05			
06			
07			
08			
09			
10			
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16			
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18			
19			
20			
21			
22			
23			
24			
25			
26			

COMMENTS: _____



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4C - 8020 METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract: --

Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Lab Sample ID: 8020 Lab Blank
Matrix: (soil/water) Soil
Date Extracted:
Date Analyzed: (1): 6/28/88
Time Analyzed: (1): 07:50
Instrument ID (1): Tracor 560
GC Column ID (1): 1.75% Bentone

Lab File ID:
Level: (low/med) Med.
Extraction: (SepF/Cont/Sonc)
Date Analyzed: (2):
Time Analyzed: (2):
Instrument ID (2):
GC Column ID (2):

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	R88/1782-16	6/28/88	
02	R88/1782-17	6/28/88	
03	R88/1782-18	6/28/88	
04	R88/1782-19	6/28/88	
05	R88/1782-20	6/28/88	
06			
07			
08			
09			
10			
11			
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13			
14			
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24			
25			
26			

COMMENTS:



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4C - 8020 METHOD BLANK SUMMARY

Lab Name: General Testing Corp. Contract: --
 Lab Code: G.T.C. Case No.: -- SAS No.: -- SDG No.: --

Lab Sample ID:	8020 Lab Blank	Lab File ID:	_____
Matrix: (soil/water)	Soil	Level: (low/med)	_____ Med
Date Extracted:	_____	Extraction: (SepF/Cont/Sonc)	_____
Date Analyzed: (1):	6/29/88	Date Analyzed: (2):	_____
Time Analyzed: (1):	0:14	Time Analyzed: (2):	_____
Instrument ID (1):	Tracor 560	Instrument ID (2):	_____
GC Column ID (1):	1.75% Bentone	GC Column ID (2):	_____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01			
02	R88/1782-16 Spike	6/29/88	
03	R88/1782-16 Dup.Spike	6/29/88	
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			

COMMENTS: _____

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R88/1782

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3 - BLANKS

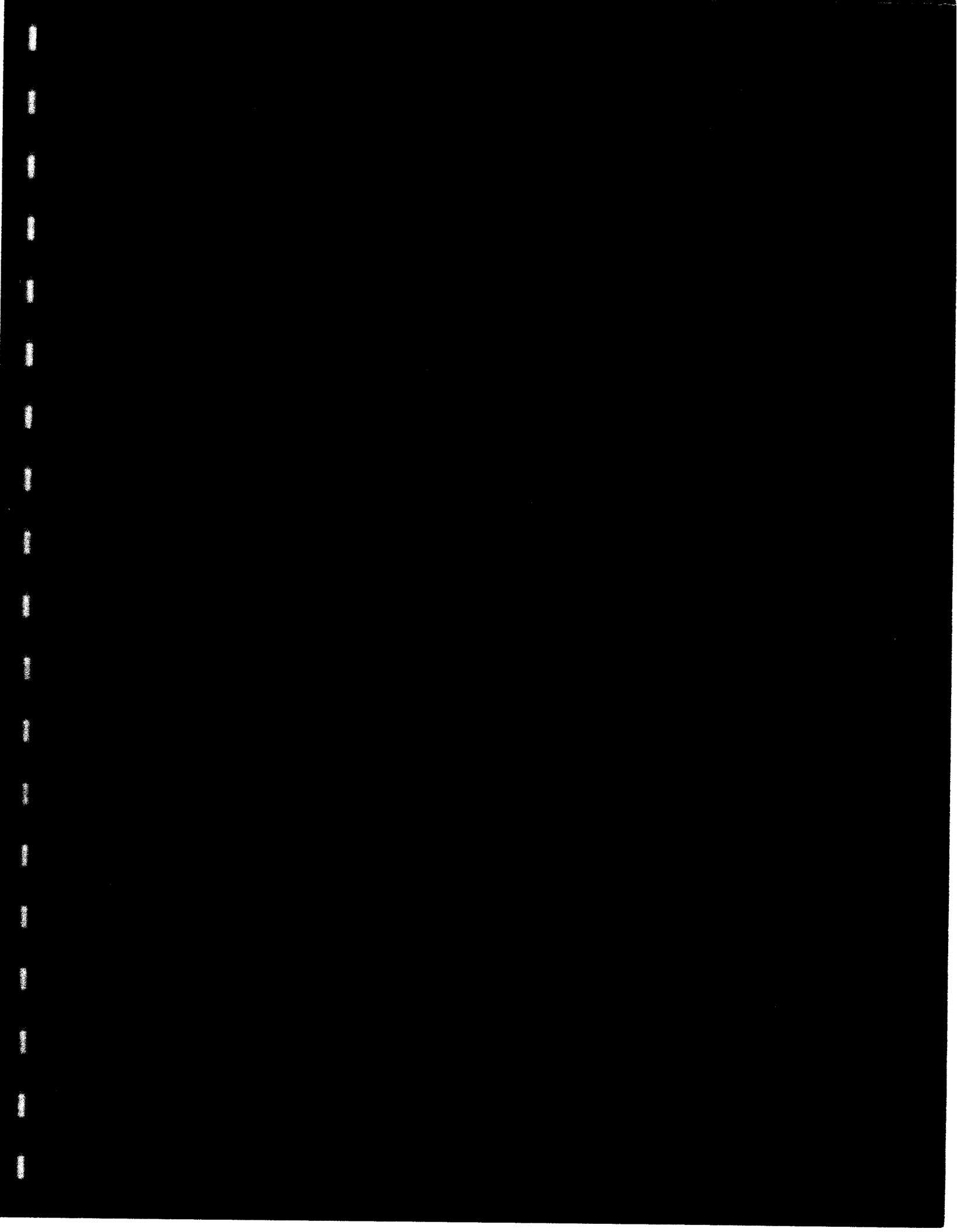
Lab Name: General Testing Corp. Contract: --

Lab Code: GTC Case No.: -- SAS No.: -- SDG No.: --

Preparation Blank Matrix (soil/water): Water

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

ANALYTE	INITIAL CALIB. BLANK (ug/L)	CONTINUING CALIBRATION BLANK (ug/L)						PREPARATION BLANK	M
		C	1	C	2	C	3		
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury									
Nickel	0.20	U	0.20	U	0.20	U	0.20	U	
Potassium									CV
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									



GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street
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1782
GTC Job No. 188/188 #20
Client Project No. _____

Sample Origination & Shipping Information

Collection Site DuPont Niagara Plant Gill Creek
Address _____

Collector Rebecca Young
Street Rebecca Young City _____ State _____ Zip _____
Print _____ Signature _____

Bottles Prepared by GTC - MC
Bottles Shipped to Client via Evrolator
Samples Shipped via GTC
Rec'd by _____ Seal/Shipping # _____ Seal/Shipping # _____

Sample(s) Relinquished by:

Sample(s) Relinquished by:		Received by:	
1. Sign	for	1. Sign	Date/Time
<u>Rebecca Young</u>	<u>VOA's</u>	<u>Frank Darte</u>	<u>6/15/88</u>
2. Sign	for	2. Sign	<u>18:44</u>
			<u>1 1</u>
3. Sign	for	3. Sign	<u>:</u>
			<u>1 1</u>
			<u>:</u>

Sample(s) Received in Laboratory by Wardner 6/15/88 @ 2:45

68

Sample I.D.# 3-T7-11D
Collected 6/15/88 14:58

Analyte(s)	Bottle Type	Sample Volume	Preservative Added in field	Laboratory			Date
				PH Check	PH Adjusted To:	Initials	
<u>Site specific VOA's</u>	<u>G</u>	<u>100ml</u>	<u>ice</u>				
<u>Site specific ext org.</u>	<u>G</u>	<u>1l</u>	<u>"</u>				
<u>Site specific metal</u>	<u>G</u>	<u>100ml</u>	<u>"</u>				
<u>TVS, Temperature</u>	<u>G</u>	<u>100ml</u>	<u>"</u>				
<u>VOA's</u>	<u>G</u>	<u>240ml</u>	<u>"</u>				
<u>R88/188 #5</u>							

34/48