103271

WASTEX
INDUSTRIES OF N.J., INC.

Licensed Analytical Laboratories

P.O Box 247
510 Heron Drive, Suite 107
Bridgeport, N.J 08014-0247

609/467-0380

ROY F. WESTON

53 HADDONFIELD ROAD
SUITE 306
CHERRY HILL, NEW JERSEY 08002

DATE RECEIVED: JULY 28, 1988

REPORT NO: C2895 - C2904

WASTEX INDUSTRIES OF NJ, INC.

Richard W Lynch
RICHARD W. LYNCH
LABORATORY DIRECTOR

SUMMARY SHEET FOR ANALYTICAL

Sample No. 1 Lagoon 4 North Road

Sample No. 2 Di-n-Octyle Phthalate 36ppb Lagoon 4 south end

Sample No. 3

Vinyl Chloride	68
1,1 Dichloroethane	100
2 Butanore	240
Trichloroethane	40
2 hexanone	89
Toluene	700
Ehycloenzene	130
Total Xytenes	370

Sample No. 4

Vinyl Chloride	12	Lagoon 1 north end
1,1 Dichloroethane	7	
2 Butanore	140	
2 Hexanone	12	
Toluene	62	
Ethylbenzene	12	
Total xylenes	48	
Dinoctye Phtaalute	27	

Sample No. 5

Vinyl chloride	6
2 Butanone	100
Toluene	40
Ethycbenoer	8
Total xyler	32
D: N Octyl Phthalut	65

Sample No. 6

Vinyl Choride	5
2 Butanore	87
2 Hexanore	7
Toluene	33
Total Xylenes	19

Sample No. 7

Vinyl Chloride	5
2 Butamore	14
Ethylbenze	ND

Sample No. 8

ND Background

Sample No. 9

2-Butanore	27	Landfill drainage
Total xylene	7	

Sample No. 10

ND	ND

SAMPLE LOCATION AND IDENTIFICATION

ANALYSIS NO	CLIENT ID
C2895	Lagoon 4 North End
C2896	Lagoon 4 South End
C2897	Leachate Collection
C2898	Lagoon 1 North End
C2899	Lagoon 1 South End
C2900	Lagoon 2
C2901	Lagoon 3
C2902	Background
C2903	Landfill Discharge
C2904	Lagoon 5

ENVIRONM AL PROTECTION AGENCY
Office of Enforcement

REGION 3
Curtis Bldg., Walnut Sts.
Philadelphia, Pennsylvania 19106

CHAIN OF CUSTODY RECORD

PROJ. NO.: 1757
PROJECT NAME: Berks County Landfill
SAMPLERS: (Signature) Kevin Scott

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	80 oz amber	1 liter poly	40 ml VOA				REMARKS
1	7/27	1600			Lagoon 4 North end	5	1	2	2				Analytical as request
2	7/27	1605			Lagoon 4 South end	5	1	2	2				by P.O. # 22588
3	7/27	1610			Leachate Collection system	5	1	2	2				(see attached
4	7/27	1615			Lagoon 1 North end	5	1	2	2				
5	7/27	1620			Lagoon 1 South End	5	1	2	2				7 day turnaround (verbals
6	7/27	1625			Lagoon 2	5	1	2	2				10 day hard copy
7	7/27	1630			Lagoon 3	5	1	2	2				
8	7/27	1645			Background	5	1	2	2				
9	7/27	1700			Landfill Drainage	5	1	2	2				Send results to
10	7/27	1800			Lagoon 5	5	1	2	2				Roy F WESTON Inc
													53 Haddonfield Rd Ste 3
													Cherry Hill, NJ 08002
													(609) 482-0222
													(ATTN: Kevin Scott)

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Kevin Scott	7/28/88 12:07	Sherri Brink			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks Wastex.	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

AR100354

3-9113

TEL No. 16094875496 Aug 04,88 13:53 P.04

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2895

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . . . . Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2895

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 7/29/88 23:11
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrosodiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	10.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	20.
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2895 1

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A36804:01
Sample Matrix: WATER
Data release Authorized by: Richard W Lynd

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 13:50
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	3.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	10.	U	71-43-2	Benzene	5.	U
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-07-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	5.	U
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/l and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

CLIENT: WESTON

ANALYSIS NO: C2895
CLIENT ID: Lagoon 4 North End

1

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.010
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.01
Cadmium	0.01	N.D.
Chromium	0.01	N.D.
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	0.02
Phenols	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	21

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2895

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2. 67641	2-propanone	BNA	5.69	26
3. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.44	28
4.	unknown	BNA	12.86	12
5. 124072	octanoic acid	BNA	13.74	16
6.	unknown	BNA	15.59	10
7.	unknown	BNA	16.08	8
8.	unknown	BNA	17.00	9
9.	unknown	BNA	17.12	18
10.	unknown	BNA	17.69	10
11.	unknown	BNA	18.98	31
12. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.51	150
13.	unknown	BNA	21.55	39
14. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	23.08	15
15. 3622842	benzenesulfonamide, N-butyl-	BNA	23.40	15
16.	unknown	BNA	23.77	21
17.	unknown	BNA	25.74	17
18.	unknown	BNA	27.55	15
19.	unknown	BNA	29.20	71
20.	unknown	BNA	30.73	70
21.	unknown	BNA	32.14	67
22.	unknown	BNA	33.47	45
23.	unknown	BNA	34.72	56
24.	unknown	BNA	35.89	39
25.	unknown	BNA	36.97	36
26.				
27.				
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2896

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/03/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . .. Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2896

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 7/30/88 00:00
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/l or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
9638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/l or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrosodiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	10.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	36.
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be seperated from Benzo(b)Fluoranthene

Sample Number
C2896 2

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A36095:01
Sample Matrix: WATER
Data release Authorized by: Richard W Lynd

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: (Low) Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 14:21
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		(ug/l) or ug/Kg (Circle One)		C.A.S. Number		(ug/l) or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	3.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	4.	J,B	71-43-2	Benzene	5.	U
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	5.	U
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not present ...

AR100362

CLIENT: WESTON

ANALYSIS NO: C2896
CLIENT ID: Lagoon 4 South End

V

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.008
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.01
Cadmium	0.01	N.D.
Chromium	0.01	N.D.
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	0.01
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	25

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2896

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2. 110123	2-hexanone, 5-methyl-	BNA	5.69	19
3. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.44	38
4.	unknown	BNA	11.04	6
5.	unknown	BNA	12.82	12
6.	unknown	BNA	15.63	6
7.	unknown	BNA	16.07	10
8.	unknown	BNA	17.68	10
9.	unknown	BNA	18.97	41
10. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.22	45
11.	unknown	BNA	21.55	53
12.	unknown	BNA	23.76	26
13.	unknown	BNA	25.73	16
14.	unknown	BNA	27.54	13
15.	unknown	BNA	29.19	13
16.	unknown	BNA	30.72	64
17.	unknown	BNA	32.13	59
18.	unknown	BNA	33.50	62
19.	unknown	BNA	34.51	38
20.	unknown	BNA	34.75	83
21.	unknown	BNA	34.95	53
22.	unknown	BNA	35.87	46
23.	bis(4-methylpentyl) ester			
24.	unknown	BNA	36.64	37
25.	unknown	BNA	37.00	48
26.	unknown	BNA	38.01	45
27.	unknown	BNA	39.10	44
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2897 3

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . .. Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2897 3

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 7/30/88 00:50
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	4.J
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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	3.J
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrosodiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	10.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	20.
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2897 3

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 09614::01
Sample Matrix: WATER
Data release Authorized by: Richard W Dynes

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 20:18
Conc/Dil factor: 1:5 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	50.	U	78-87-5	1,2-Dichloropropane	25.	U
74-83-9	Bromomethane	50.	U	10061-02-6	Trans-1,3-Dichloropropene	25.	U
75-01-4	Vinyl Chloride	69		79-01-6	Trichloroethene	40.	
75-00-3	Chloroethane	9.	J	124-48-1	Dibromochloromethane	25.	U
75-09-2	Methylene Chloride	240.	B	79-00-5	1,1,2-Trichloroethane	25.	U
67-64-1	Acetone	170.	B	71-43-2	Benzene	29.	
107-02-8	Acrolein	250.	U	10061-01-5	cis-1,3-Dichloropropene	25.	U
107-13-1	Acrylonitrile	250.	U	110-75-8	2-Chloroethylvinylether	50.	U
75-15-0	Carbon Disulfide	25.	U	75-25-2	Bromoform	25.	U
75-35-4	1,1-Dichloroethene	25.	U	108-10-1	4-Methyl-2-Pentanone	50.	U
75-34-3	1,1-Dichloroethane	100		591-78-6	2-Hexanone	89.	
156-60-5	Trans-1,2-Dichloroethene	25.	U	127-18-4	Tetrachloroethene	21.	J
67-66-3	Chloroform	25.	U	79-34-5	1,1,2,2-Tetrachloroethane	25.	U
107-06-2	1,2-Dichloroethane	23.	J	108-88-3	Toluene	700.	
78-93-3	2-Butanone	240.		108-90-7	Chlorobenzene	25.	U
71-55-6	1,1,1-Trichloroethane	25.	U	100-41-4	Ethylbenzene	130.	
56-23-5	Carbon Tetrachloride	25.	U	100-42-5	Styrene	25.	U
108-05-4	Vinyl Acetate	50.	U		Total Xylenes	370.	
75-27-4	Bromodichloromethane	25.	U		Total Dichlorobenzenes	15.	J

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 5.0 ug/l is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

CLIENT: WESTON

ANALYSIS NO: C2897 3
CLIENT ID: Leachate Collection

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.018
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.02
Cadmium	0.01	0.01
Chromium	0.01	0.01
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	0.01
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	37

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2897

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1. 611143	benzene, 1-ethyl-2-methyl-	VOA	21.07	35
2. 526738	benzene, 1,2,3-trimethyl-	VOA	22.20	46
3. 100414	benzene, ethyl-	BNA	5.70	61
4. 108383	benzene, 1,3-dimethyl-	BNA	5.94	83
5.	unknown	BNA	6.10	27
6. 108383	benzene, 1,3-dimethyl-	BNA	6.54	41
7. 611143	benzene, 1-ethyl-2-methyl-	BNA	8.39	25
8.	unknown	BNA	8.67	35
9.	unknown	BNA	8.80	24
10.	unknown	BNA	8.96	21
11. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.44	25
12. 464175	bicyclo[2.2.1]hept-2-ene, 1,7,7-trimethyl-	BNA	10.00	20
13.	unknown	BNA	11.21	270
14. 106445	phenol, 4-methyl-	BNA	11.37	160
15.	unknown	BNA	11.90	43
16.	unknown	BNA	12.46	24
17. 144194	1,3-pentanediol, 2,2,4-trimethyl-	BNA	13.10	24
18. 124072	octanoic acid	BNA	14.15	52
19.	unknown	BNA	15.64	37
20. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	17.21	21
21.	unknown	BNA	18.90	32
22. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.47	170
23.	unknown	BNA	21.56	56
24.	unknown	BNA	23.09	28
25. 3622842	benzenesulfonamide, N-butyl-	BNA	23.41	59
26.	unknown	BNA	23.77	29
27.	unknown	BNA	34.72	24
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2898 4

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/03/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup _ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction _ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . .. Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2898 4

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 7/30/88 01:39
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	5.J
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	10.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	27.
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2898 4

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A3607::D1
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 15:34
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	12.		79-01-6	Trichloroethene	2.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	13.	H	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	160.	B	71-43-2	Benzene	4.	J
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	2.		591-78-6	2-Hexanone	12.	
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	62.	
78-93-3	2-Butanone	140.		108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	12.	
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	48.	
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	2.	J

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

H - Compound not present in Calibration File.

CLIENT: WESTON

ANALYSIS NO: C2898 4

CLIENT ID: Lagoon 1 North End

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.013
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.01
Cadmium	0.01	N.D.
Chromium	0.01	0.01
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	33

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2898

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1. 611143	benzene, 1-ethyl-2-methyl-	VOA	21.13	9
2. 95636	benzene, 1,2,4-trimethyl-	VOA	22.26	5
3. 110123	2-hexanone, 5-methyl-	BNA	5.69	88
4. 106423	benzene, 1,4-dimethyl-	BNA	5.90	43
5.	unknown	BNA	8.67	96
6. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.44	75
7.	unknown	BNA	10.12	180
8.	unknown	BNA	11.37	830
9. 142621	hexanoic acid	BNA	12.30	400
10.	unknown	BNA	12.66	150
11. 541026	cyclopentasiloxane, decamethyl-	BNA	12.86	14
12.	unknown	BNA	13.14	94
13. 98895	cyclohexanecarboxylic acid	BNA	13.71	48
14. 124072	octanoic acid	BNA	14.35	53
15.	unknown	BNA	15.72	31
16.	unknown	BNA	17.73	16
17.	unknown	BNA	18.98	34
18. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.47	170
19.	unknown	BNA	21.56	53
20. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	23.09	21
21.	unknown	BNA	23.41	42
22.	unknown	BNA	23.77	28
23.	unknown	BNA	25.75	21
24.	unknown	BNA	27.56	17
25.	unknown	BNA	32.15	17
26.	unknown	BNA	33.48	18
27.	unknown	BNA	34.72	23
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2899 5

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/03/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg	
319-84-6	Alpha-BHC.	0.25	U
319-87-7	Beta-BHC	0.25	U
319-86-8	Delta-BHC.	0.25	U
58-89-9	Gamma-BHC (Lindane). . .	0.25	U
76-44-8	Heptachlor	0.25	U
309-00-2	Aldrin	0.25	U
1024-57-3	Heptachlor Epoxide . . .	0.25	U
959-98-8	Endosulfan I	0.25	U
60-57-1	Dieldrin	0.25	U
72-55-9	4,4'-DDE	0.25	U
72-20-8	Endrin	0.25	U
33213-65-9	Endosulfan II.	0.50	U
72-54-8	4,4'-DDD	0.50	U
1031-07-8	Endosulfan Sulfate . . .	0.50	U
50-29-3	4,4'-DDT	0.50	U
72-43-5	Methoxychlor	12.5	U
53494-70-5	Endrin Ketone.	N/A	
57-74-9	Chlordane.	12.5	U
8001-35-2	Toxaphene.	25.	U
12674-11-2	Arochlor-1016.	12.5	U
11104-28-2	Arochlor-1221.	12.5	U
11141-16-5	Arochlor-1232.	12.5	U
53469-21-9	Arochlor-1242.	12.5	U
12672-29-6	Arochlor-1248.	12.5	U
11097-69-1	Arochlor-1254.	12.5	U
11096-82-5	Arochlor-1260.	12.5	U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . . . . Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2899 S

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 7/30/88 02:29
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	6.J
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	10.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	65.
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2899 5

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: [illegible]
Sample Matrix: WATER
Data release Authorized by: Richard W Lynd

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 16:13
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	6.		79-01-6	Trichloroethene	1.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	7.	B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	89.	B	71-43-2	Benzene	3.	J
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	3.	J	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	40.	
78-93-3	2-Butanone	100.		108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	8.	
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	32.	
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	1.	J

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/l and a concentration of 3.0 ug/l is calculated, report as

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not pr

AR100377

CLIENT: WESTON

ANALYSIS NO: C2899 5
CLIENT ID: Lagoon 1 South End

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.012
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	N.D.
Cadmium	0.01	N.D.
Chromium	0.01	N.D.
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	53

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2899

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2. 110123	2-hexanone, 5-methyl-	BNA	5.69	57
3.	unknown	BNA	8.51	180
4.	unknown	BNA	9.28	82
5. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.44	43
6.	unknown	BNA	10.08	98
7. 142621	hexanoic acid	BNA	12.26	96
8. 4536236	hexanoic acid, 2-methyl-	BNA	12.66	140
9.	unknown	BNA	13.14	120
10. 98895	cyclohexanecarboxylic acid	BNA	13.67	38
11. 124072	octanoic acid	BNA	14.35	58
12.	unknown	BNA	15.64	22
13.	unknown	BNA	18.98	38
14. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.43	110
15.	unknown	BNA	21.56	64
16.	unknown	BNA	23.41	44
17.	unknown	BNA	23.77	33
18.	unknown	BNA	25.75	25
19.	unknown	BNA	27.56	22
20.	unknown	BNA	33.48	22
21. 28553120	1,2-benzenedicarboxylic acid, diisononyl ester	BNA	34.28	33
22. 146509	1,2-benzenedicarboxylic acid,	BNA	34.48	29
23.	bis(4-methylpentyl) ester			
24.	unknown	BNA	34.73	70
25. 1330967	1,2-benzenedicarboxylic acid,isodecyl octyl ester	BNA	36.97	58
26.	unknown	BNA	35.89	29
27.	unknown	BNA	39.20	33
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2900 6

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg	
319-84-6	Alpha-BHC.	0.25	U
319-87-7	Beta-BHC	0.25	U
319-86-8	Delta-BHC.	0.25	U
58-89-9	Gamma-BHC (Lindane). . .	0.25	U
76-44-8	Heptachlor	0.25	U
309-00-2	Aldrin	0.25	U
1024-57-3	Heptachlor Epoxide . . .	0.25	U
959-98-8	Endosulfan I	0.25	U
60-57-1	Dieldrin	0.25	U
72-55-9	4,4'-DDE	0.25	U
72-20-8	Endrin	0.25	U
33213-65-9	Endosulfan II.	0.50	U
72-54-8	4,4'-DDD	0.50	U
1031-07-8	Endosulfan Sulfate . . .	0.50	U
50-29-3	4,4'-DDT	0.50	U
72-43-5	Methoxychlor	12.5	U
53494-70-5	Endrin Ketone.	N/A	
57-74-9	Chlordane.	12.5	U
8001-35-2	Toxaphene.	25.	U
12674-11-2	Arochlor-1016.	12.5	U
11104-28-2	Arochlor-1221.	12.5	U
11141-16-5	Arochlor-1232.	12.5	U
53469-21-9	Arochlor-1242.	12.5	U
12672-29-6	Arochlor-1248.	12.5	U
11097-69-1	Arochlor-1254.	12.5	U
11096-82-5	Arochlor-1260.	12.5	U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . .. Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2900 6

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 8/02/88 14:32
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
108-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	2.J
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	50.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	10.U
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2900 6

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 8A6889:01
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 16:55
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	5.		79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	3.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	74.	B	71-43-2	Benzene	2.	J
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
167-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	7.	J
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	33.	
78-93-3	2-Butanone	87.		108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	19.	
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR100382

CLIENT: WESTON

ANALYSIS NO: C2900 6
CLIENT ID: Lagoon 2

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.005
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	N.D.
Cadmium	0.01	N.D.
Chromium	0.01	0.01
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	30

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2900

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2.	unknown	BNA	6.70	7
3. 97610	pentanoic acid, 2-methyl-	BNA	9.28	29
4. 556672	cyclotetrasiloxane, octamethyl-	BNA	10.01	16
5.	unknown	BNA	10.93	72
6.	unknown	BNA	11.05	25
7. 4536236	hexanoic acid, 2-methyl-	BNA	11.98	56
8. 111148	heptanoic acid	BNA	12.63	29
9. 98895	cyclohexanecarboxylic acid	BNA	13.43	25
10.	unknown	BNA	15.81	12
11.	unknown	BNA	16.94	10
12.	unknown	BNA	19.20	18
13. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.37	45
14.	unknown	BNA	22.59	26
15.	unknown	BNA	23.03	13
16.	unknown	BNA	24.85	11
17.	unknown	BNA	26.38	8
18.	unknown	BNA	27.76	7
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2901 7

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg	
319-84-6	Alpha-BHC.	0.25	U
319-87-7	Beta-BHC	0.25	U
319-86-8	Delta-BHC.	0.25	U
58-89-9	Gamma-BHC (Lindane). . .	0.25	U
76-44-8	Heptachlor	0.25	U
309-00-2	Aldrin	0.25	U
1024-57-3	Heptachlor Epoxide . . .	0.25	U
959-98-8	Endosulfan I	0.25	U
60-57-1	Dieldrin	0.25	U
72-55-9	4,4'-DDE	0.25	U
72-20-8	Endrin	0.25	U
33213-65-9	Endosulfan II.	0.50	U
72-54-8	4,4'-DDD	0.50	U
1031-07-8	Endosulfan Sulfate . . .	0.50	U
50-29-3	4,4'-DDT	0.50	U
72-43-5	Methoxychlor	12.5	U
53494-70-5	Endrin Ketone.	N/A	
57-74-9	Chlordane.	12.5	U
8001-35-2	Toxaphene.	25.	U
12674-11-2	Arochlor-1016.	12.5	U
11104-28-2	Arochlor-1221.	12.5	U
11141-16-5	Arochlor-1232.	12.5	U
53469-21-9	Arochlor-1242.	12.5	U
12672-29-6	Arochlor-1248.	12.5	U
11097-69-1	Arochlor-1254.	12.5	U
11096-82-5	Arochlor-1260.	12.5	U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . . . . Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2901 7

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 8/02/88 16:06
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	50.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	10.U
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2901 7

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A5610::01
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 18:00
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	3.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	38.	B	71-43-2	Benzene	5.	U
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	5.	U
78-93-3	2-Butanone	14.		108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	2.	J
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	3.	J
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS.

Q - Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound

AR100387

CLIENT: WESTON

ANALYSIS NO: C2901 7
CLIENT ID: Lagoon 3

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	N.D.
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	N.D.
Cadmium	0.01	N.D.
Chromium	0.01	0.01
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	0.04
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	23

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2901

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2.	unknown	BNA	6.40	25
3. 556672	cyclotetrasiloxane, octamethyl-	BNA	10.26	27
4. 124072	octanoic acid	BNA	14.37	30
5. 334485	decanoic acid	BNA	17.48	35
6.	unknown	BNA	19.17	36
7.	unknown	BNA	19.57	10
8. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.30	430
9. 140034	9-octadecenoic acid,12-(acetyloxy)-,methyl ester	BNA	22.08	7
10. 544638	tetradecanoic acid	BNA	22.56	9
11.	unknown	BNA	23.81	5
12.	unknown	BNA	24.30	7
13.	unknown	BNA	24.82	15
14.	unknown	BNA	26.36	11
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2902 8

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . . . . Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2902

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 8/02/88 17:53
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	50.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	10.U
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2902 8

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 9836111:01
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 98

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/98 18:35
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)	C.A.S. Number		ug/l or ug/Kg (Circle One)
74-87-3	Chloromethane	10. U	78-87-5	1,2-Dichloropropane	5. U
74-83-9	Bromomethane	10. U	10061-02-6	Trans-1,3-Dichloropropene	5. U
75-01-4	Vinyl Chloride	10. U	79-01-6	Trichloroethene	5. U
75-00-3	Chloroethane	10. U	124-48-1	Dibromochloromethane	5. U
75-09-2	Methylene Chloride	3. J,B	79-00-5	1,1,2-Trichloroethane	5. U
67-64-1	Acetone	9. J,B	71-43-2	Benzene	5. U
107-02-8	Acrolein	50. U	10061-01-5	cis-1,3-Dichloropropene	5. U
167-13-1	Acrylonitrile	50. U	110-75-8	2-Chloroethylvinylether	10. U
75-15-0	Carbon Disulfide	10. U	75-25-2	Bromoform	5. U
75-35-4	1,1-Dichloroethene	5. U	108-10-1	4-Methyl-2-Pentanone	10. U
75-34-3	1,1-Dichloroethane	5. U	591-78-6	2-Hexanone	10. U
156-60-5	Trans-1,2-Dichloroethene	5. U	127-18-4	Tetrachloroethene	5. U
67-66-3	Chloroform	5. U	79-34-5	1,1,2,2-Tetrachloroethane	5. U
107-02-2	1,2-Dichloroethane	5. U	108-88-3	Toluene	5. U
78-93-3	2-Butanone	10. U	108-90-7	Chlorobenzene	5. U
71-55-6	1,1,1-Trichloroethane	5. U	100-41-4	Ethylbenzene	5. U
56-23-6	Carbon Tetrachloride	5. U	100-42-5	Styrene	5. U
108-05-4	Vinyl Acetate	10. U		Total Xylenes	5. U
75-27-4	Bromodichloromethane	5. U		Total Dichlorobenzenes	5. U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

N - Compound not present in Calibration file.

AR100392

CLIENT: WESTON

ANALYSIS NO: C2902 8

CLIENT ID: Background

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	N.D.
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	N.D.
Cadmium	0.01	N.D.
Chromium	0.01	N.D.
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	6.4

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2902

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2. 556672	cyclotetrasiloxane, octamethyl-	BNA	9.79	30
3.	unknown	BNA	15.28	11
4.	unknown	BNA	16.61	16
5.	unknown	BNA	17.17	11
6.	unknown	BNA	17.38	11
7.	unknown	BNA	17.82	5
8.	unknown	BNA	17.94	5
9.	unknown	BNA	18.06	4
10.	unknown	BNA	18.35	5
11.	unknown	BNA	18.47	6
12.	unknown	BNA	18.83	5
13.	unknown	BNA	18.95	6
14.	unknown	BNA	19.40	5
15.	unknown	BNA	19.52	15
16. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.21	84
17.	unknown	BNA	20.29	5
18.	unknown	BNA	20.49	8
19.	unknown	BNA	20.73	4
20.	unknown	BNA	22.03	21
21.	unknown	BNA	24.25	13
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2903 9

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/l or ug/Kg
319-84-6	Alpha-BHC	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC	0.125 U
58-89-9	Gamma-BHC (Lindane)	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone	N/A
57-74-9	Chlordane	6.3 U
8001-35-2	Toxaphene	12.5 U
12674-11-2	Arochlor-1016	6.3 U
11104-28-2	Arochlor-1221	6.3 U
11141-16-5	Arochlor-1232	6.3 U
53469-21-9	Arochlor-1242	6.3 U
12672-29-6	Arochlor-1248	6.3 U
11097-69-1	Arochlor-1254	6.3 U
11096-82-5	Arochlor-1260	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . . . . Vt . . 10,000 uL Vi . . 2 uL

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2903 9

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 8/02/88 17:07
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/l or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/l or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrososdiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	50.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	10.U
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2903 9

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 2B6612:1D1
Sample Matrix: WATER
Data release Authorized by: Richard W Dynes

Case No.: N/A
QC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: (Low) Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 19:09
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	2.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	46.	B	71-43-2	Benzene	5.	U
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
167-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-07-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	5.	U
78-93-3	2-Butanone	27.		108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	2.	J
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	7.	
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound no le.

AR100397

CLIENT: WESTON

ANALYSIS NO: C2903 9

CLIENT ID: Landfill Drainage

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	0.012
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.07
Cadmium	0.01	N.D.
Chromium	0.01	0.01
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	0.01
Zinc	0.01	0.01

LIMITED CHEMISTRY

N.D.

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2903

ORGANICS ANALYSIS DATA SHEET
(Page 4)

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2. 541059	cyclotrisiloxane, hexamethyl-	BNA	6.66	10
3.	unknown	BNA	8.60	17
4.	unknown	BNA	9.20	21
5.	unknown	BNA	10.05	110
6. 556672	cyclotetrasiloxane, octamethyl-	BNA	10.98	17
7.	unknown	BNA	11.54	69
8. 142621	hexanoic acid	BNA	12.63	600
9.	unknown	BNA	13.07	93
10.	unknown	BNA	13.56	87
11.	unknown	BNA	14.04	23
12.	unknown	BNA	15.13	7
13.	unknown	BNA	16.30	4
14. 540976	cyclohexasiloxane, dodecamethyl-	BNA	16.75	4
15. 501520	benzenepropanoic acid	BNA	17.23	26
16.	unknown	BNA	17.39	10
17.	unknown	BNA	18.97	10
18.	unknown	BNA	19.17	24
19. 120401	dodecanamide, N,N-bis(2-hydroxyethyl)-	BNA	20.30	280
20. 544638	tetradecanoic acid	BNA	22.57	57
21.	unknown	BNA	24.83	18
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

Lab Name : Wastex Inc of NJ
Case No : N/A

Sample Number
C2904 10

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticides/PCBs

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 8/01/88
Date Analyzed: 8/02/88
Conc/Dil Factor: 100ml/5ml
Percent Moisture NA

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg
319-84-6	Alpha-BHC.	0.125 U
319-87-7	Beta-BHC	0.125 U
319-86-8	Delta-BHC.	0.125 U
58-89-9	Gamma-BHC (Lindane). . .	0.125 U
76-44-8	Heptachlor	0.125 U
309-00-2	Aldrin	0.125 U
1024-57-3	Heptachlor Epoxide . . .	0.125 U
959-98-8	Endosulfan I	0.125 U
60-57-1	Dieldrin	0.125 U
72-55-9	4,4'-DDE	0.125 U
72-20-8	Endrin	0.125 U
33213-65-9	Endosulfan II.	0.25 U
72-54-8	4,4'-DDD	0.25 U
1031-07-8	Endosulfan Sulfate . . .	0.25 U
50-29-3	4,4'-DDT	0.25 U
72-43-5	Methoxychlor	6.3 U
53494-70-5	Endrin Ketone.	N/A
57-74-9	Chlordane.	6.3 U
8001-35-2	Toxaphene.	12.5 U
12674-11-2	Arochlor-1016.	6.3 U
11104-28-2	Arochlor-1221.	6.3 U
11141-16-5	Arochlor-1232.	6.3 U
53469-21-9	Arochlor-1242.	6.3 U
12672-29-6	Arochlor-1248.	6.3 U
11097-69-1	Arochlor-1254.	6.3 U
11096-82-5	Arochlor-1260.	6.3 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Ws = Weight of sample extracted (g)
Vt = Volume of Total extract (uL)

Vs . . 1000 mL or Ws . . .. Vt . . 10,000 uL Vi . . 2 uL

Form 1

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2904 10

ORGANICS ANALYSIS DATA SHEET
(Page 2)

Semivolatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: 7/28/88
Date Analyzed: 8/02/88 18:43
Conc/Dil Factor: 1000/1ml
Percent Moisture (Decanted)

GPC Cleanup __ Yes ✓ No
Separatory Funnel Extraction ✓ Yes
Continuous Liquid-Liquid Extraction __ Yes

C.A.S. Number		ug/L or ug/Kg (Circle One)
108-95-2	Phenol	10.U
111-44-4	bis(-2-Chloroethyl)Ether	10.U
95-57-8	2-Chlorophenol	10.U
541-73-1	1,3-Dichlorobenzene	10.U
106-46-7	1,4-Dichlorobenzene	10.U
95-50-1	1,2-Dichlorobenzene	10.U
39638-32-9	bis(2-chloroisopropyl)Ether	10.U
621-64-7	N-Nitroso-Di-n-Propylamine	10.U
67-72-1	Hexachloroethane	10.U
98-95-3	Nitrobenzene	10.U
78-59-1	Isophorone	10.U
88-75-5	2-Nitrophenol	10.U
105-67-9	2,4-Dimethylphenol	10.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
87-68-3	Hexachlorobutadiene	10.U
59-50-7	4-Chloro-3-Methylphenol	10.U
77-47-4	Hexachlorocyclopentadiene	10.U
88-06-2	2,4,6-Trichlorophenol	10.U
91-58-7	2-Chloronaphthalene	10.U
131-11-3	Dimethyl Phthalate	10.U
208-96-8	Acenaphthylene	10.U
83-32-9	Acenaphthene	10.U
51-28-5	2,4-Dinitrophenol	50.U
100-02-7	4-Nitrophenol	50.U

C.A.S. Number		ug/L or ug/Kg (Circle One)
121-14-2	2,4-Dinitrotoluene	10.U
606-20-2	2,6-Dinitrotoluene	10.U
84-66-2	Diethylphthalate	10.U
7005-72-3	4-Chlorophenyl-phenylether	10.U
86-73-7	Fluorene	10.U
534-52-1	4,6-Dinitro-2-Methylphenol	50.U
86-30-6	N-Nitrosodiphenylamine (1)	10.U
101-55-3	4-Bromophenyl-phenylether	10.U
118-74-1	Hexachlorobenzene	10.U
87-86-5	Pentachlorophenol	50.U
85-01-8	Phenanthrene	10.U
120-12-7	Anthracene	10.U
84-74-2	Di-n-Butylphthalate	10.U
206-44-0	Fluoranthene	10.U
129-00-0	Pyrene	10.U
85-68-7	Butylbenzylphthalate	10.U
99-09-5	Benzidine	20.U
91-94-1	3,3'-Dichlorobenzidine	20.U
56-55-3	Benzo(a)Anthracene	10.U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.U
218-01-9	Chrysene	10.U
117-84-0	Di-n-Octyl Phthalate	10.U
205-99-2	Benzo(b)Fluoranthene	10.U
207-08-9	Benzo(k)Fluoranthene (2)	*****
50-32-8	Benzo(a)Pyrene	10.U
193-39-5	Indeno(1,2,3-cd)Pyrene	10.U
53-70-3	Dibenzo(a,h)Anthracene	10.U
191-24-2	Benzo(g,h,i)Perylene	10.U

(1)-Cannot be separated from diphenylamine
(2)-Cannot be separated from Benzo(b)Fluoranthene

Sample Number
C2904 10

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 265613::01
Sample Matrix: WATER
Data release Authorized by: Richard W Sgrul

Case No.: N/A
WC Report No.:
Contract No.: N/A
Date Sample Received: 28 JUL 88

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 08/02/88 19:43
Conc/Dil factor: 1.0 pH :
Percent Moisture: NA

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
75-09-2	Methylene Chloride	3.	J,B	79-00-5	1,1,2-Trichloroethane	5.	U
67-64-1	Acetone	6.	J,B	71-43-2	Benzene	5.	U
107-02-8	Acrolein	50.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
107-13-1	Acrylonitrile	50.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	10.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	1.	J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U		Total Dichlorobenzenes	5.	U

Data Reporting Qualifiers

explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (this is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/ul in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - 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 data summary report

OPTIONAL FLAGS

N - Compound not [illegible] in Calibration file.

AR100402

CLIENT: WESTON

ANALYSIS NO: C2904 10
CLIENT ID: Lagoon 5

CERTIFICATE OF ANALYSIS

METALS	MDL (mg/L)	RESULT (mg/L)
Antimony	0.005	N.D.
Arsenic	0.005	N.D.
Beryllium	0.05	N.D.
Copper	0.01	0.02
Cadmium	0.01	N.D.
Chromium	0.01	N.D.
Mercury	0.0005	N.D.
Nickel	0.10	N.D.
Lead	0.05	N.D.
Selenium	0.005	N.D.
Silver	0.01	N.D.
Thallium	0.01	N.D.
Zinc	0.01	N.D.
LIMITED CHEMISTRY		
Cyanide	0.02	N.D.
Phenol	0.01	N.D.
OTHER PARAMETERS		
Total Organic Carbon	1.0	2.3

Lab Name : Wastex Ind of NJ
Case No : N/A

Sample Number
C2904

ORGANICS ANALYSIS DATA SHEET
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Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/L or ug/kg)
1.	No Unknowns	VOA		
2.	unknown	BNA	13.79	13
3.	unknown	BNA	14.32	18
4.	unknown	BNA	14.68	11
5.	unknown	BNA	15.00	17
6.	unknown	BNA	15.33	18
7.	unknown	BNA	15.57	11
8.	unknown	BNA	15.85	15
9.	unknown	BNA	16.09	18
10.	unknown	BNA	16.30	11
11.	unknown	BNA	16.50	13
12.	unknown	BNA	16.70	14
13.	unknown	BNA	16.86	16
14.	unknown	BNA	17.23	13
15.	unknown	BNA	17.39	13
16.	unknown	BNA	17.83	11
17.	unknown	BNA	17.95	16
18.	unknown	BNA	18.20	8
19.	unknown	BNA	18.36	9
20.	unknown	BNA	18.44	10
21.	unknown	BNA	18.60	9
22.	unknown	BNA	18.80	11
23.	unknown	BNA	18.92	13
24.	unknown	BNA	19.08	18
25.	unknown	BNA	19.41	27
26.				
27.				
28.				
29.				
30.				