GENERAL ENGINEERING LABORATORIES

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Certificate of Analysis

Scanned by	Date	Doc ID #
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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Contact: Rick Powell
Project: Containerboard Mill

Carmen Johnson

Fac/Perm/Co ID#	Date	Doc ID#
94-01	8/24/12	DIN

Report Date: February 22, 2001

Client Sample ID: LF-09
Sample ID: 37408001
Matrix: Ground Water
Collect Date: 07-FEB-01
Receive Date: 08-FEB-01
Collector: Client

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Conductivity Analysis											
EPA120.1 Specific Conductivity											
Conductivity		96.5	1.00	1.00	umhos/cm	1	MOJ1	02/14/01	1000	64819	1
Electrode Analysis											
EPA 150.1 pH											
pH at Temp 23.7C		5.16	0.010	0.100	SU	1	VH1	02/08/01	2029	64201	2
Ion Chromatography											
EPA300.0 Sulfate in Liquid											
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1	02/08/01	2214	64173	3
Chloride		6.21	0.025	0.100	mg/L	1					
Fluoride		0.052	0.014	0.050	mg/L	1					
Nitrate		0.670	0.010	0.050	mg/L	1					
Nitrite	U	ND	0.009	0.050	mg/L	1					
Sulfate		27.2	0.062	0.200	mg/L	1					
Mercury Analysis											
7470 Cold Vapor Hg Liquid											
Mercury	U	ND	0.073	0.200	ug/L	1	AW2	02/13/01	1157	64738	4
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		3240	37.5	100	ug/L	1	HSC	02/12/01	1911	64631	5
Magnesium		2090	4.49	20.0	ug/L	1					
Potassium		2020	7.07	100	ug/L	1					
Silica		64200	28.4	213	ug/L	1					
Silicon		30300	13.3	100	ug/L	1					
Sodium		9650	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0326	64405	6
Arsenic	J	3.50	0.725	15.0	ug/L	5					
Barium		118	0.790	10.0	ug/L	5					
Beryllium	J	0.830	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	U	ND	3.23	15.0	ug/L	5					
Cobalt		15.1	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		699	3.28	25.0	ug/L	5					
Nickel		11.2	0.360	10.0	ug/L	5					

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-09
Sample ID: 37408001

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Selenium	U	ND		1.09	25.0	ug/L	5					
Silver	J	1.38		0.505	5.00	ug/L	5					
Strontium	J	41.6		0.100	50.0	ug/L	5					
Thallium	J	2.01		0.070	2.50	ug/L	5					
Vanadium	J	5.97		1.65	50.0	ug/L	5					
Iron		434		39.6	125	ug/L	5	LAR	02/19/01	1926	64405	7
Zinc	J	22.9		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	8
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.0659	0.235	1.00	pCi/L		TOH2	02/16/01	1840	64156	9
Uranium-235/236	U	ND	+/-0.0924	0.286	1.00	pCi/L						
Uranium-238	U	ND	+/-0.0846	0.181	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha		2.76	+/-1.42	1.20	1.50	pCi/L		NVN	02/14/01	1134	64469	10
Beta		5.26	+/-1.80	3.04	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-0.898	1.81	1.50	pCi/L		AS1	02/19/01	1023	64372	11
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222	U	ND	+/-30.1	50.7	200	pCi/L		CAF1	02/09/01	2229	64197	12
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226		1.25	+/-0.483	0.468	1.00	pCi/L		RDD	02/13/01	1140	64199	13
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1137	64774	14
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.48	9.71	ug/L	1	JWF	02/16/01	1618	65255	15
1,2-Dichlorobenzene	U	ND		1.58	9.71	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.47	9.71	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.78	9.71	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.15	9.71	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.09	9.71	ug/L	1					

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dichlorophenol	U	ND	1.24	9.71	ug/L	1				
2,4-Dimethylphenol	U	ND	1.25	9.71	ug/L	1				
2,4-Dinitrophenol	U	ND	1.32	19.4	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.942	9.71	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.06	9.71	ug/L	1				
2-Chloronaphthalene	U	ND	0.126	0.971	ug/L	1				
2-Chlorophenol	U	ND	1.20	9.71	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.942	9.71	ug/L	1				
2-Methylnaphthalene	U	ND	0.146	0.971	ug/L	1				
2-Nitrophenol	U	ND	1.29	9.71	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.07	9.71	ug/L	1				
4-Bromophenylphenylether	U	ND	1.11	9.71	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.35	9.71	ug/L	1				
4-Chloroaniline	U	ND	2.43	9.71	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.15	9.71	ug/L	1				
4-Nitrophenol	U	ND	0.175	9.71	ug/L	1				
Acenaphthene	U	ND	0.068	0.971	ug/L	1				
Acenaphthylene	U	ND	0.0971	0.971	ug/L	1				
Anthracene	U	ND	0.126	0.971	ug/L	1				
Benzo(a)anthracene	U	ND	0.0971	0.971	ug/L	1				
Benzo(a)pyrene	U	ND	0.126	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.126	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0777	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.223	0.971	ug/L	1				
Butylbenzylphthalate	U	ND	1.77	9.71	ug/L	1				
Carbazole	U	ND	1.22	9.71	ug/L	1				
Chrysene	U	ND	0.117	0.971	ug/L	1				
Di-n-butylphthalate	U	ND	1.77	9.71	ug/L	1				
Di-n-octylphthalate	U	ND	2.06	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.0971	0.971	ug/L	1				
Dibenzofuran	U	ND	0.961	9.71	ug/L	1				
Diethylphthalate	U	ND	1.19	9.71	ug/L	1				
Dimethylphthalate	U	ND	1.08	9.71	ug/L	1				
Diphenylamine	U	ND	0.990	9.71	ug/L	1				
Fluoranthene	U	ND	0.117	0.971	ug/L	1				
Fluorene	U	ND	0.117	0.971	ug/L	1				
Hexachlorobenzene	U	ND	1.04	9.71	ug/L	1				
Hexachlorobutadiene	U	ND	1.71	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.07	9.71	ug/L	1				
Hexachloroethane	U	ND	1.65	9.71	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.0971	0.971	ug/L	1				
Isophorone	U	ND	1.09	9.71	ug/L	1				

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-09 Project: DELT00200
Sample ID: 37408001 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-GC/MS											
3510/8270C TCL BNA Liquid											
N-Nitrosodipropylamine	U	ND	1.28	9.71	ug/L	1					
Naphthalene	U	ND	0.117	0.971	ug/L	1					
Nitrobenzene	U	ND	1.38	9.71	ug/L	1					
Pentachlorophenol	U	ND	1.53	9.71	ug/L	1					
Phenanthrene	U	ND	0.117	0.971	ug/L	1					
Phenol	U	ND	0.816	9.71	ug/L	1					
Pyrene	U	ND	0.136	0.971	ug/L	1					
bis(2-Chloroethoxy)methane	U	ND	1.35	9.71	ug/L	1					
bis(2-Chloroethyl) ether	U	ND	1.36	9.71	ug/L	1					
bis(2-Chloroisopropyl)ether	U	ND	1.28	9.71	ug/L	1					
bis(2-Ethylhexyl)phthalate	J	0.769	0.0388	0.971	ug/L	1					
m,p-Cresols	U	ND	1.04	9.71	ug/L	1					
m-Nitroaniline	U	ND	1.27	9.71	ug/L	1					
o-Cresol	U	ND	1.22	9.71	ug/L	1					
o-Nitroaniline	U	ND	2.03	9.71	ug/L	1					
p-Nitroaniline	U	ND	1.50	9.71	ug/L	1					
Solids Analysis											
EPA 160.1 Solids, Dissolved											
Total Dissolved Solids		131	5.09	10.0	mg/L		TSM	02/09/01	1126	64234	16
EPA 160.2 Total Suspended Liq											
Total Suspended Solids	U	ND	0.699	5.00	mg/L		TSM	02/09/01	1054	64238	17
Spectrometric Analysis											
EPA 410.4 Chem. Oxygen Demand											
COD	J	3.53	1.74	5.00	mg/L	1	MOJ1	02/12/01	0820	64442	18
SW846_7196A Hexavalent Chromiu											
Hexavalent Chromium	U	ND	0.005	0.010	mg/L	1	TCC1	02/08/01	1330	64176	19
TOC Analysis											
EPA 415.1 Total Organic Carbon											
Total Organic Carbon		1.91	0.0406	0.200	mg/L	1	MS1	02/15/01	1657	65225	20
TRAACS Nutrient Analysis											
EPA 350.1 Nitrogen, Ammonia L											
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL	02/09/01	1356	64345	21
EPA 365.4 Phosphorus, Total in											
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL	02/12/01	1525	64516	22
Titration Analysis											
EPA 310.1 Total Alkalinity											
Alkalinity, Total as CaCO3		12.9	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	23
SM2320B Bicarbonates											

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Sample ID: 37408001 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Titration Analysis										
SM2320B Bicarbonates										
Bicarbonate alkalinity (CaCO3)		12.9	1.45	2.00	mg/L		MOJ1 02/19/01	0817	65545	24
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L					
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L					
Volatile Organics										
5030/8260B TCL in Liquid										
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB 02/15/01	1517	65159	25
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1				
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1				
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1				
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1				
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1				
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1				
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1				
2-Butanone	U	ND	0.810	10.0	ug/L	1				
2-Hexanone	U	ND	0.790	10.0	ug/L	1				
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1				
Acetone	J	4.99	0.820	10.0	ug/L	1				
Benzene	U	ND	0.140	2.00	ug/L	1				
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1				
Bromoform	U	ND	0.100	2.00	ug/L	1				
Bromomethane	U	ND	0.240	2.00	ug/L	1				
Carbon disulfide	U	ND	0.900	10.0	ug/L	1				
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1				
Chlorobenzene	U	ND	0.200	2.00	ug/L	1				
Chloroethane	U	ND	0.320	2.00	ug/L	1				
Chloroform	U	ND	0.170	2.00	ug/L	1				
Chloromethane	U	ND	0.210	2.00	ug/L	1				
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1				
Ethylbenzene	U	ND	0.150	2.00	ug/L	1				
Methylene chloride	U	ND	0.630	5.00	ug/L	1				
Styrene	U	ND	0.150	2.00	ug/L	1				
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1				
Toluene	U	ND	0.220	2.00	ug/L	1				
Trichloroethylene	U	ND	0.160	2.00	ug/L	1				
Vinyl acetate	U	ND	0.440	10.0	ug/L	1				
Vinyl chloride	U	ND	0.260	2.00	ug/L	1				
Xylenes (total)	U	ND	0.440	6.00	ug/L	1				
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1				

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Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1					
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	26
EPA 180.1 Turbidity											
Turbidity		1.08	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	27

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/15/01	1100	65096
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1517	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	SW846 7470A
5	SW846 3005/6010B
6	SW846 6020
7	SW846 6020
8	EPA 405.1
9	DOE EML HASL 300

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
10	EPA 900.0									
11	EPA 904.0									
12	EPA EERF App. B									
13	EPA 903.1									
14	EPA 335.3									
15	SW846 8270C									
16	EPA 160.1									
17	EPA 160.2									
18	EPA 410.4									
19	SW846 7196A									
20	EPA 415.1									
21	EPA 350.1									
22	EPA 365.4									
23	EPA 310.1									
24	SM 2320B									
25	SW846 8260B									
26	EPA 110.2									
27	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	78%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	67%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	32%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	70%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	20%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	89%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	83%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	89%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	85%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.

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Client Sample ID: LF-09
Sample ID: 37408001

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

U Indicates the compound was analyzed for but not detected above the detection limit

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11
Sample ID: 37408002
Matrix: Ground Water
Collect Date: 07-FEB-01
Receive Date: 08-FEB-01
Collector: Client

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Conductivity Analysis										
EPA120.1 Specific Conductivity										
Conductivity		58.0	1.00	1.00	umhos/cm	1	MOJ1 02/14/01	1000	64819	1
Electrode Analysis										
EPA 150.1 pH										
pH at Temp 23.4C		5.49	0.010	0.100	SU	1	VH1 02/08/01	2031	64201	2
Ion Chromatography										
EPA300.0 Sulfate in Liquid										
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1 02/08/01	2258	64173	3
Chloride		5.75	0.025	0.100	mg/L	1				
Fluoride		0.056	0.014	0.050	mg/L	1				
Nitrate		0.648	0.010	0.050	mg/L	1				
Nitrite	U	ND	0.009	0.050	mg/L	1				
Sulfate		11.5	0.062	0.200	mg/L	1				
Mercury Analysis										
7470 Cold Vapor Hg Liquid										
Mercury	U	ND	0.073	0.200	ug/L	1	AW2 02/13/01	1159	64738	4
Metals Analysis-ICP										
3005/6010 Silicon/Silica										
Calcium		1660	37.5	100	ug/L	1	HSC 02/12/01	1918	64631	5
Magnesium		1600	4.49	20.0	ug/L	1				
Potassium		667	7.07	100	ug/L	1				
Silica		28600	28.4	213	ug/L	1				
Silicon		13500	13.3	100	ug/L	1				
Sodium		8130	8.13	100	ug/L	1				
Metals Analysis-ICPMS										
6020/3005 MIMICP SCAN Metals										
Antimony	U	ND	0.555	10.0	ug/L	5	LAR 02/20/01	0358	64405	6
Arsenic	J	2.51	0.725	15.0	ug/L	5				
Barium		33.1	0.790	10.0	ug/L	5				
Beryllium	J	0.285	0.170	1.00	ug/L	5				
Cadmium	U	ND	0.250	5.00	ug/L	5				
Chromium	J	5.61	3.23	15.0	ug/L	5				
Cobalt		5.17	0.090	5.00	ug/L	5				
Copper	U	ND	2.97	5.00	ug/L	5				
Lead	U	ND	0.385	10.0	ug/L	5				
Manganese		99.1	3.28	25.0	ug/L	5				
Nickel	J	2.64	0.360	10.0	ug/L	5				
Selenium	U	ND	1.09	25.0	ug/L	5				

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11 Project: DELT00200
Sample ID: 37408002 Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Silver	J	1.10		0.505	5.00	ug/L	5					
Strontium	J	27.2		0.100	50.0	ug/L	5					
Thallium	J	0.200		0.070	2.50	ug/L	5					
Vanadium	J	4.77		1.65	50.0	ug/L	5					
Iron		1260		39.6	125	ug/L	5	LAR	02/19/01	1958	64405	7
Zinc	J	11.0		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	8
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.113	0.253	1.00	pCi/L		TOH2	02/16/01	1840	64156	9
Uranium-235/236	U	ND	+/-0.122	0.142	1.00	pCi/L						
Uranium-238	U	ND	+/-0.109	0.166	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha		1.89	+/-1.18	1.31	1.50	pCi/L		NVN	02/14/01	1134	64469	10
Beta	U	ND	+/-1.38	3.15	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-0.733	1.61	1.50	pCi/L		AS1	02/19/01	1023	64372	11
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222		184	+/-35.9	50.3	200	pCi/L		CAF1	02/09/01	2300	64197	12
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226		0.645	+/-0.384	0.506	1.00	pCi/L		RDD	02/13/01	1140	64199	13
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1139	64774	14
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.48	9.71	ug/L	1	JWF	02/14/01	0108	64424	15
1,2-Dichlorobenzene	U	ND		1.58	9.71	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.47	9.71	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.78	9.71	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.15	9.71	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.09	9.71	ug/L	1					
2,4-Dichlorophenol	U	ND		1.24	9.71	ug/L	1					

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11
Sample ID: 37408002

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dimethylphenol	U	ND	1.25	9.71	ug/L	1				
2,4-Dinitrophenol	U	ND	1.32	19.4	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.942	9.71	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.06	9.71	ug/L	1				
2-Chloronaphthalene	U	ND	0.126	0.971	ug/L	1				
2-Chlorophenol	U	ND	1.20	9.71	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.942	9.71	ug/L	1				
2-Methylnaphthalene	U	ND	0.146	0.971	ug/L	1				
2-Nitrophenol	U	ND	1.29	9.71	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.07	9.71	ug/L	1				
4-Bromophenylphenylether	U	ND	1.11	9.71	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.35	9.71	ug/L	1				
4-Chloroaniline	U	ND	2.43	9.71	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.15	9.71	ug/L	1				
4-Nitrophenol	U	ND	0.175	9.71	ug/L	1				
Acenaphthene	U	ND	0.068	0.971	ug/L	1				
Acenaphthylene	U	ND	0.0971	0.971	ug/L	1				
Anthracene	U	ND	0.126	0.971	ug/L	1				
Benzo(a)anthracene	U	ND	0.0971	0.971	ug/L	1				
Benzo(a)pyrene	U	ND	0.126	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.126	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0777	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.223	0.971	ug/L	1				
Butylbenzylphthalate	U	ND	1.77	9.71	ug/L	1				
Carbazole	U	ND	1.22	9.71	ug/L	1				
Chrysene	U	ND	0.117	0.971	ug/L	1				
Di-n-butylphthalate	U	ND	1.77	9.71	ug/L	1				
Di-n-octylphthalate	U	ND	2.06	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.0971	0.971	ug/L	1				
Dibenzofuran	U	ND	0.961	9.71	ug/L	1				
Diethylphthalate	U	ND	1.19	9.71	ug/L	1				
Dimethylphthalate	U	ND	1.08	9.71	ug/L	1				
Diphenylamine	U	ND	0.990	9.71	ug/L	1				
Fluoranthene	U	ND	0.117	0.971	ug/L	1				
Fluorene	U	ND	0.117	0.971	ug/L	1				
Hexachlorobenzene	U	ND	1.04	9.71	ug/L	1				
Hexachlorobutadiene	U	ND	1.71	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.07	9.71	ug/L	1				
Hexachloroethane	U	ND	1.65	9.71	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.0971	0.971	ug/L	1				
Isophorone	U	ND	1.09	9.71	ug/L	1				
N-Nitrosodipropylamine	U	ND	1.28	9.71	ug/L	1				

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11 Project: DELT00200
Sample ID: 37408002 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-GC/MS											
3510/8270C TCL BNA Liquid											
Naphthalene	U	ND	0.117	0.971	ug/L	1					
Nitrobenzene	U	ND	1.38	9.71	ug/L	1					
Pentachlorophenol	U	ND	1.53	9.71	ug/L	1					
Phenanthrene	U	ND	0.117	0.971	ug/L	1					
Phenol	U	ND	0.816	9.71	ug/L	1					
Pyrene	U	ND	0.136	0.971	ug/L	1					
bis(2-Chloroethoxy)methane	U	ND	1.35	9.71	ug/L	1					
bis(2-Chloroethyl) ether	U	ND	1.36	9.71	ug/L	1					
bis(2-Chloroisopropyl)ether	U	ND	1.28	9.71	ug/L	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.0388	0.971	ug/L	1					
m,p-Cresols	U	ND	1.04	9.71	ug/L	1					
m-Nitroaniline	U	ND	1.27	9.71	ug/L	1					
o-Cresol	U	ND	1.22	9.71	ug/L	1					
o-Nitroaniline	U	ND	2.03	9.71	ug/L	1					
p-Nitroaniline	U	ND	1.50	9.71	ug/L	1					
Solids Analysis											
EPA 160.1 Solids, Dissolved											
Total Dissolved Solids		71.0	5.09	10.0	mg/L		TSM	02/09/01	1126	64234	16
EPA 160.2 Total Suspended Liq											
Total Suspended Solids		8.00	0.699	5.00	mg/L		TSM	02/09/01	1054	64238	17
Spectrometric Analysis											
EPA 410.4 Chem. Oxygen Demand											
COD		5.85	1.74	5.00	mg/L	1	MOJ1	02/12/01	0820	64442	18
SW846_7196A Hexavalent Chromiu											
Hexavalent Chromium	U	ND	0.005	0.010	mg/L	1	TCC1	02/08/01	1330	64176	19
TOC Analysis											
EPA 415.1 Total Organic Carbon											
Total Organic Carbon		1.55	0.0406	0.200	mg/L	1	MS1	02/15/01	1745	65225	20
TRAACS Nutrient Analysis											
EPA 350.1 Nitrogen, Ammonia L											
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL	02/09/01	1356	64345	21
EPA 365.4 Phosphorus, Total in											
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL	02/12/01	1525	64516	22
Titration Analysis											
EPA 310.1 Total Alkalinity											
Alkalinity, Total as CaCO3		7.96	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	23
SM2320B Bicarbonates											
Bicarbonate alkalinity		7.96	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	24

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Sample ID: 37408002 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Titration Analysis										
SM2320B Bicarbonates										
(CaCO3)										
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L					
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L					
Volatile Organics										
5030/8260B TCL in Liquid										
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB 02/15/01	1545	65159	25
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1				
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1				
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1				
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1				
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1				
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1				
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1				
2-Butanone	U	ND	0.810	10.0	ug/L	1				
2-Hexanone	U	ND	0.790	10.0	ug/L	1				
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1				
Acetone	J	3.51	0.820	10.0	ug/L	1				
Benzene	U	ND	0.140	2.00	ug/L	1				
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1				
Bromoform	U	ND	0.100	2.00	ug/L	1				
Bromomethane	U	ND	0.240	2.00	ug/L	1				
Carbon disulfide	U	ND	0.900	10.0	ug/L	1				
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1				
Chlorobenzene	U	ND	0.200	2.00	ug/L	1				
Chloroethane	U	ND	0.320	2.00	ug/L	1				
Chloroform	J	0.540	0.170	2.00	ug/L	1				
Chloromethane	U	ND	0.210	2.00	ug/L	1				
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1				
Ethylbenzene	U	ND	0.150	2.00	ug/L	1				
Methylene chloride	U	ND	0.630	5.00	ug/L	1				
Styrene	U	ND	0.150	2.00	ug/L	1				
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1				
Toluene	U	ND	0.220	2.00	ug/L	1				
Trichloroethylene	U	ND	0.160	2.00	ug/L	1				
Vinyl acetate	U	ND	0.440	10.0	ug/L	1				
Vinyl chloride	U	ND	0.260	2.00	ug/L	1				
Xylenes (total)	U	ND	0.440	6.00	ug/L	1				
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1				
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1				

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	26
EPA 180.1 Turbidity											
Turbidity		16.8	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	27

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1545	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	SW846 7470A
5	SW846 3005/6010B
6	SW846 6020
7	SW846 6020
8	EPA 405.1
9	DOE EML HASL 300
10	EPA 900.0
11	EPA 904.0

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Project: Containerboard Mill

Client Sample ID: LF-11
Sample ID: 37408002

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
12	EPA EERF App. B									
13	EPA 903.1									
14	EPA 335.3									
15	SW846 8270C									
16	EPA 160.1									
17	EPA 160.2									
18	EPA 410.4									
19	SW846 7196A									
20	EPA 415.1									
21	EPA 350.1									
22	EPA 365.4									
23	EPA 310.1									
24	SM 2320B									
25	SW846 8260B									
26	EPA 110.2									
27	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	66%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	73%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	40%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	75%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	26%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	76%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	82%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	89%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	82%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

The above sample is reported on an "as received" basis.

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11
Sample ID: 37408002

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-12	Project:	DELT00200
Sample ID:	37408003	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Conductivity Analysis											
EPA120.1 Specific Conductivity											
Conductivity		64.3	1.00	1.00	umhos/cm	1	MOJ1	02/14/01	1000	64819	1
Electrode Analysis											
EPA 150.1 pH											
pH at Temp 23.4C		5.47	0.010	0.100	SU	1	VH1	02/08/01	2033	64201	2
Ion Chromatography											
EPA300.0 Sulfate in Liquid											
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1	02/08/01	2313	64173	3
Chloride		9.46	0.025	0.100	mg/L	1					
Fluoride		0.052	0.014	0.050	mg/L	1					
Nitrate		2.01	0.010	0.050	mg/L	1					
Nitrite	U	ND	0.009	0.050	mg/L	1					
Sulfate		1.36	0.062	0.200	mg/L	1					
Mercury Analysis											
7470 Cold Vapor Hg Liquid											
Mercury	U	ND	0.073	0.200	ug/L	1	AW2	02/13/01	1201	64738	4
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		2520	37.5	100	ug/L	1	HSC	02/12/01	1925	64631	5
Magnesium		1080	4.49	20.0	ug/L	1					
Potassium		665	7.07	100	ug/L	1					
Silica		36700	28.4	213	ug/L	1					
Silicon		17300	13.3	100	ug/L	1					
Sodium		9340	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0406	64405	6
Arsenic	U	ND	0.725	15.0	ug/L	5					
Barium		27.2	0.790	10.0	ug/L	5					
Beryllium	J	0.175	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	5.02	3.23	15.0	ug/L	5					
Cobalt	J	4.18	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese	J	12.2	3.28	25.0	ug/L	5					
Nickel	J	3.68	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-12
Sample ID: 37408003

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Silver	J	1.04		0.505	5.00	ug/L	5					
Strontium	J	40.1		0.100	50.0	ug/L	5					
Thallium	U	ND		0.070	2.50	ug/L	5					
Vanadium	J	4.36		1.65	50.0	ug/L	5					
Iron		473		39.6	125	ug/L	5	LAR	02/19/01	2006	64405	7
Zinc	J	10.3		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	8
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.147	0.356	1.00	pCi/L		TOH2	02/16/01	1840	64156	9
Uranium-235/236	U	ND	+/-0.0806	0.172	1.00	pCi/L						
Uranium-238	U	ND	+/-0.0976	0.171	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha	U	ND	+/-1.09	1.60	1.50	pCi/L		NVN	02/14/01	1134	64469	10
Beta		5.24	+/-1.70	2.76	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-0.784	1.71	1.50	pCi/L		AS1	02/19/01	1023	64372	11
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222		166	+/-35.1	50.0	200	pCi/L		CAF1	02/09/01	2332	64197	12
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226		1.15	+/-0.463	0.460	1.00	pCi/L		RDD	02/13/01	1214	64199	13
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1140	64774	14
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.49	9.80	ug/L	1	JWF	02/16/01	1648	65255	15
1,2-Dichlorobenzene	U	ND		1.60	9.80	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.48	9.80	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.79	9.80	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.16	9.80	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.10	9.80	ug/L	1					
2,4-Dichlorophenol	U	ND		1.25	9.80	ug/L	1					

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Client Sample ID: LF-12
Sample ID: 37408003

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dimethylphenol	U	ND	1.26	9.80	ug/L	1				
2,4-Dinitrophenol	U	ND	1.33	19.6	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.951	9.80	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.07	9.80	ug/L	1				
2-Chloronaphthalene	U	ND	0.127	0.980	ug/L	1				
2-Chlorophenol	U	ND	1.22	9.80	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.951	9.80	ug/L	1				
2-Methylnaphthalene	U	ND	0.147	0.980	ug/L	1				
2-Nitrophenol	U	ND	1.30	9.80	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.08	9.80	ug/L	1				
4-Bromophenylphenylether	U	ND	1.12	9.80	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.36	9.80	ug/L	1				
4-Chloroaniline	U	ND	2.45	9.80	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.16	9.80	ug/L	1				
4-Nitrophenol	U	ND	0.176	9.80	ug/L	1				
Acenaphthene	U	ND	0.0686	0.980	ug/L	1				
Acenaphthylene	U	ND	0.098	0.980	ug/L	1				
Anthracene	U	ND	0.127	0.980	ug/L	1				
Benzo(a)anthracene	U	ND	0.098	0.980	ug/L	1				
Benzo(a)pyrene	U	ND	0.127	0.980	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.127	0.980	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0784	0.980	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.225	0.980	ug/L	1				
Butylbenzylphthalate	U	ND	1.78	9.80	ug/L	1				
Carbazole	U	ND	1.24	9.80	ug/L	1				
Chrysene	U	ND	0.118	0.980	ug/L	1				
Di-n-butylphthalate	U	ND	1.78	9.80	ug/L	1				
Di-n-octylphthalate	U	ND	2.08	9.80	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.098	0.980	ug/L	1				
Dibenzofuran	U	ND	0.971	9.80	ug/L	1				
Diethylphthalate	U	ND	1.21	9.80	ug/L	1				
Dimethylphthalate	U	ND	1.09	9.80	ug/L	1				
Diphenylamine	U	ND	1.00	9.80	ug/L	1				
Fluoranthene	U	ND	0.118	0.980	ug/L	1				
Fluorene	U	ND	0.118	0.980	ug/L	1				
Hexachlorobenzene	U	ND	1.05	9.80	ug/L	1				
Hexachlorobutadiene	U	ND	1.73	9.80	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.08	9.80	ug/L	1				
Hexachloroethane	U	ND	1.67	9.80	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.098	0.980	ug/L	1				
Isophorone	U	ND	1.10	9.80	ug/L	1				
N-Nitrosodipropylamine	U	ND	1.29	9.80	ug/L	1				

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-12 Project: DELT00200
Sample ID: 37408003 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-GC/MS											
3510/8270C TCL BNA Liquid											
Naphthalene	U	ND	0.118	0.980	ug/L	1					
Nitrobenzene	U	ND	1.39	9.80	ug/L	1					
Pentachlorophenol	U	ND	1.55	9.80	ug/L	1					
Phenanthrene	U	ND	0.118	0.980	ug/L	1					
Phenol	U	ND	0.824	9.80	ug/L	1					
Pyrene	U	ND	0.137	0.980	ug/L	1					
bis(2-Chloroethoxy)methane	U	ND	1.36	9.80	ug/L	1					
bis(2-Chloroethyl) ether	U	ND	1.37	9.80	ug/L	1					
bis(2-Chloroisopropyl)ether	U	ND	1.29	9.80	ug/L	1					
bis(2-Ethylhexyl)phthalate	J	0.642	0.0392	0.980	ug/L	1					
m,p-Cresols	U	ND	1.05	9.80	ug/L	1					
m-Nitroaniline	U	ND	1.28	9.80	ug/L	1					
o-Cresol	U	ND	1.24	9.80	ug/L	1					
o-Nitroaniline	U	ND	2.05	9.80	ug/L	1					
p-Nitroaniline	U	ND	1.52	9.80	ug/L	1					
Solids Analysis											
EPA 160.1 Solids, Dissolved											
Total Dissolved Solids		87.0	5.09	10.0	mg/L		TSM	02/09/01	1126	64234	16
EPA 160.2 Total Suspended Liq											
Total Suspended Solids	J	3.80	0.699	5.00	mg/L		TSM	02/09/01	1054	64238	17
Spectrometric Analysis											
EPA 410.4 Chem. Oxygen Demand											
COD		5.85	1.74	5.00	mg/L	1	MOJ1	02/12/01	0820	64442	18
SW846_7196A Hexavalent Chromiu											
Hexavalent Chromium		0.010	0.005	0.010	mg/L	1	TCC1	02/08/01	1330	64176	19
TOC Analysis											
EPA 415.1 Total Organic Carbon											
Total Organic Carbon		0.835	0.0406	0.200	mg/L	1	MS1	02/15/01	1822	65225	20
TRAACS Nutrient Analysis											
EPA 350.1 Nitrogen, Ammonia L											
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL	02/09/01	1356	64345	21
EPA 365.4 Phosphorus, Total in											
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL	02/12/01	1525	64516	22
Titration Analysis											
EPA 310.1 Total Alkalinity											
Alkalinity, Total as CaCO3		10.9	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	23
SM2320B Bicarbonates											
Bicarbonate alkalinity		10.9	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	24

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Titration Analysis											
SM2320B Bicarbonates											
(CaCO3)											
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L						
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L						
Volatile Organics											
5030/8260B TCL in Liquid											
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB	02/15/01	1612	65159	25
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1					
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1					
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1					
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1					
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1					
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1					
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1					
2-Butanone	U	ND	0.810	10.0	ug/L	1					
2-Hexanone	U	ND	0.790	10.0	ug/L	1					
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1					
Acetone	J	3.46	0.820	10.0	ug/L	1					
Benzene	U	ND	0.140	2.00	ug/L	1					
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1					
Bromoform	U	ND	0.100	2.00	ug/L	1					
Bromomethane	U	ND	0.240	2.00	ug/L	1					
Carbon disulfide	U	ND	0.900	10.0	ug/L	1					
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1					
Chlorobenzene	U	ND	0.200	2.00	ug/L	1					
Chloroethane	U	ND	0.320	2.00	ug/L	1					
Chloroform	U	ND	0.170	2.00	ug/L	1					
Chloromethane	U	ND	0.210	2.00	ug/L	1					
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1					
Ethylbenzene	U	ND	0.150	2.00	ug/L	1					
Methylene chloride	U	ND	0.630	5.00	ug/L	1					
Styrene	U	ND	0.150	2.00	ug/L	1					
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1					
Toluene	U	ND	0.220	2.00	ug/L	1					
Trichloroethylene	U	ND	0.160	2.00	ug/L	1					
Vinyl acetate	U	ND	0.440	10.0	ug/L	1					
Vinyl chloride	U	ND	0.260	2.00	ug/L	1					
Xylenes (total)	U	ND	0.440	6.00	ug/L	1					
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1					
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1					

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	26
EPA 180.1 Turbidity											
Turbidity		11.8	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	27

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/15/01	1100	65096
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1612	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	SW846 7470A
5	SW846 3005/6010B
6	SW846 6020
7	SW846 6020
8	EPA 405.1
9	DOE EML HASL 300
10	EPA 900.0

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Proiect: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
11	EPA 904.0									
12	EPA EERF App. B									
13	EPA 903.1									
14	EPA 335.3									
15	SW846 8270C									
16	EPA 160.1									
17	EPA 160.2									
18	EPA 410.4									
19	SW846 7196A									
20	EPA 415.1									
21	EPA 350.1									
22	EPA 365.4									
23	EPA 310.1									
24	SM 2320B									
25	SW846 8260B									
26	EPA 110.2									
27	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	64%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	69%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	34%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	70%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	22%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	90%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	84%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	89%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	84%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

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Client Sample ID: LF-12
Sample ID: 37408003

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01
Sample ID: 37408004
Matrix: Ground Water
Collect Date: 07-FEB-01
Receive Date: 08-FEB-01
Collector: Client

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Conductivity Analysis											
EPA120.1 Specific Conductivity											
Conductivity		273	1.00	1.00	umhos/cm	1	MOJ1	02/14/01	1000	64819	1
Electrode Analysis											
EPA 150.1 pH											
pH at Temp 23.6C		4.76	0.010	0.100	SU	1	VH1	02/08/01	2035	64201	2
Ion Chromatography											
EPA300.0 Sulfate in Liquid											
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1	02/08/01	2328	64173	3
Fluoride		0.052	0.014	0.050	mg/L	1					
Nitrate	U	ND	0.010	0.050	mg/L	1					
Nitrite	U	ND	0.009	0.050	mg/L	1					
Chloride		26.9	0.125	0.500	mg/L	5	KMR1	02/09/01	0913	64173	4
Sulfate		105	0.310	1.00	mg/L	5					
Mercury Analysis											
7470 Cold Vapor Hg Liquid											
Mercury	U	ND	0.073	0.200	ug/L	1	AW2	02/13/01	1203	64738	5
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		12700	37.5	100	ug/L	1	HSC	02/12/01	1951	64631	6
Magnesium		8150	4.49	20.0	ug/L	1					
Potassium		2530	7.07	100	ug/L	1					
Silica		15900	28.4	213	ug/L	1					
Silicon		7510	13.3	100	ug/L	1					
Sodium		16200	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0430	64405	7
Arsenic	J	2.94	0.725	15.0	ug/L	5					
Barium		43.6	0.790	10.0	ug/L	5					
Beryllium	J	0.810	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	4.77	3.23	15.0	ug/L	5					
Cobalt		6.09	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		264	3.28	25.0	ug/L	5					
Nickel	J	7.26	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					

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Certificate of Analysis

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Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01 Project: DELT00200
Sample ID: 37408004 Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Silver	J	1.42		0.505	5.00	ug/L	5					
Strontium		253		0.100	50.0	ug/L	5					
Thallium	U	ND		0.070	2.50	ug/L	5					
Vanadium	J	14.0		1.65	50.0	ug/L	5					
Iron		19800		39.6	125	ug/L	5	LAR	02/19/01	2030	64405	8
Zinc	J	29.1		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	9
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.164	0.456	1.00	pCi/L		TOH2	02/17/01	1052	64156	10
Uranium-235/236	U	ND	+/-0.137	0.254	1.00	pCi/L						
Uranium-238	U	ND	+/-0.122	0.238	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha		4.33	+/-2.03	2.36	1.50	pCi/L		NVN	02/14/01	1134	64469	11
Beta		7.69	+/-1.99	2.98	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-1.37	2.92	1.50	pCi/L		AS1	02/19/01	1023	64372	12
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222		126	+/-33.1	49.0	200	pCi/L		CAF1	02/10/01	0003	64197	13
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226		4.13	+/-0.871	0.484	1.00	pCi/L		RDD	02/13/01	1214	64199	14
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1141	64774	15
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.48	9.71	ug/L	1	JWF	02/14/01	0209	64424	16
1,2-Dichlorobenzene	U	ND		1.58	9.71	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.47	9.71	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.78	9.71	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.15	9.71	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.09	9.71	ug/L	1					
2,4-Dichlorophenol	U	ND		1.24	9.71	ug/L	1					

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Client Sample ID: LF-01 Project: DELT00200
Sample ID: 37408004 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dimethylphenol	U	ND	1.25	9.71	ug/L	1				
2,4-Dinitrophenol	U	ND	1.32	19.4	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.942	9.71	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.06	9.71	ug/L	1				
2-Chloronaphthalene	U	ND	0.126	0.971	ug/L	1				
2-Chlorophenol	U	ND	1.20	9.71	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.942	9.71	ug/L	1				
2-Methylnaphthalene	U	ND	0.146	0.971	ug/L	1				
2-Nitrophenol	U	ND	1.29	9.71	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.07	9.71	ug/L	1				
4-Bromophenylphenylether	U	ND	1.11	9.71	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.35	9.71	ug/L	1				
4-Chloroaniline	U	ND	2.43	9.71	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.15	9.71	ug/L	1				
4-Nitrophenol	U	ND	0.175	9.71	ug/L	1				
Acenaphthene	U	ND	0.068	0.971	ug/L	1				
Acenaphthylene	U	ND	0.0971	0.971	ug/L	1				
Anthracene	U	ND	0.126	0.971	ug/L	1				
Benzo(a)anthracene	U	ND	0.0971	0.971	ug/L	1				
Benzo(a)pyrene	U	ND	0.126	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.126	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0777	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.223	0.971	ug/L	1				
Butylbenzylphthalate	U	ND	1.77	9.71	ug/L	1				
Carbazole	U	ND	1.22	9.71	ug/L	1				
Chrysene	U	ND	0.117	0.971	ug/L	1				
Di-n-butylphthalate	U	ND	1.77	9.71	ug/L	1				
Di-n-octylphthalate	U	ND	2.06	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.0971	0.971	ug/L	1				
Dibenzofuran	U	ND	0.961	9.71	ug/L	1				
Diethylphthalate	U	ND	1.19	9.71	ug/L	1				
Dimethylphthalate	U	ND	1.08	9.71	ug/L	1				
Diphenylamine	U	ND	0.990	9.71	ug/L	1				
Fluoranthene	U	ND	0.117	0.971	ug/L	1				
Fluorene	U	ND	0.117	0.971	ug/L	1				
Hexachlorobenzene	U	ND	1.04	9.71	ug/L	1				
Hexachlorobutadiene	U	ND	1.71	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.07	9.71	ug/L	1				
Hexachloroethane	U	ND	1.65	9.71	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.0971	0.971	ug/L	1				
Isophorone	U	ND	1.09	9.71	ug/L	1				
N-Nitrosodipropylamine	U	ND	1.28	9.71	ug/L	1				

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01 Project: DELT00200
Sample ID: 37408004 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-GC/MS											
3510/8270C TCL BNA Liquid											
Naphthalene	U	ND	0.117	0.971	ug/L	1					
Nitrobenzene	U	ND	1.38	9.71	ug/L	1					
Pentachlorophenol	U	ND	1.53	9.71	ug/L	1					
Phenanthrene	U	ND	0.117	0.971	ug/L	1					
Phenol	U	ND	0.816	9.71	ug/L	1					
Pyrene	U	ND	0.136	0.971	ug/L	1					
bis(2-Chloroethoxy)methane	U	ND	1.35	9.71	ug/L	1					
bis(2-Chloroethyl) ether	U	ND	1.36	9.71	ug/L	1					
bis(2-Chloroisopropyl)ether	U	ND	1.28	9.71	ug/L	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.0388	0.971	ug/L	1					
m,p-Cresols	U	ND	1.04	9.71	ug/L	1					
m-Nitroaniline	U	ND	1.27	9.71	ug/L	1					
o-Cresol	U	ND	1.22	9.71	ug/L	1					
o-Nitroaniline	U	ND	2.03	9.71	ug/L	1					
p-Nitroaniline	U	ND	1.50	9.71	ug/L	1					
Solids Analysis											
EPA 160.1 Solids, Dissolved											
Total Dissolved Solids		207	5.09	10.0	mg/L		TSM	02/09/01	1126	64234	17
EPA 160.2 Total Suspended Liq											
Total Suspended Solids	U	ND	0.699	5.00	mg/L		TSM	02/09/01	1054	64238	18
Spectrometric Analysis											
EPA 410.4 Chem. Oxygen Demand											
COD		12.5	1.74	5.00	mg/L	1	MOJ1	02/12/01	0820	64442	19
SW846_7196A Hexavalent Chromiu											
Hexavalent Chromium	U	ND	0.005	0.010	mg/L	1	TCC1	02/08/01	1330	64176	20
TOC Analysis											
EPA 415.1 Total Organic Carbon											
Total Organic Carbon		1.29	0.0406	0.200	mg/L	1	MS1	02/15/01	1838	65225	21
TRAACS Nutrient Analysis											
EPA 350.1 Nitrogen, Ammonia L											
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL	02/09/01	1356	64345	22
EPA 365.4 Phosphorus, Total in											
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL	02/12/01	1525	64516	23
Titration Analysis											
EPA 310.1 Total Alkalinity											
Alkalinity, Total as CaCO3	U	ND	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	24
SM2320B Bicarbonates											
Bicarbonate alkalinity	U	ND	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	25

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Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Titration Analysis											
SM2320B Bicarbonates											
(CaCO3)											
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L						
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L						
Volatile Organics											
5030/8260B TCL in Liquid											
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB	02/15/01	1640	65159	26
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1					
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1					
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1					
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1					
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1					
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1					
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1					
2-Butanone	U	ND	0.810	10.0	ug/L	1					
2-Hexanone	U	ND	0.790	10.0	ug/L	1					
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1					
Acetone	J	2.31	0.820	10.0	ug/L	1					
Benzene	U	ND	0.140	2.00	ug/L	1					
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1					
Bromoform	U	ND	0.100	2.00	ug/L	1					
Bromomethane	U	ND	0.240	2.00	ug/L	1					
Carbon disulfide	U	ND	0.900	10.0	ug/L	1					
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1					
Chlorobenzene	U	ND	0.200	2.00	ug/L	1					
Chloroethane	U	ND	0.320	2.00	ug/L	1					
Chloroform	U	ND	0.170	2.00	ug/L	1					
Chloromethane	U	ND	0.210	2.00	ug/L	1					
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1					
Ethylbenzene	U	ND	0.150	2.00	ug/L	1					
Methylene chloride	U	ND	0.630	5.00	ug/L	1					
Styrene	U	ND	0.150	2.00	ug/L	1					
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1					
Toluene	U	ND	0.220	2.00	ug/L	1					
Trichloroethylene	U	ND	0.160	2.00	ug/L	1					
Vinyl acetate	U	ND	0.440	10.0	ug/L	1					
Vinyl chloride	U	ND	0.260	2.00	ug/L	1					
Xylenes (total)	U	ND	0.440	6.00	ug/L	1					
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1					
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1					

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Sample ID: 37408004 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	27
EPA 180.1 Turbidity											
Turbidity		0.540	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	28

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1640	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	EPA 300.0
5	SW846 7470A
6	SW846 3005/6010B
7	SW846 6020
8	SW846 6020
9	EPA 405.1
10	DOE EML HASL 300
11	EPA 900.0

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Client Sample ID: LF-01
Sample ID: 37408004

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
12	EPA 904.0									
13	EPA EERF App. B									
14	EPA 903.1									
15	EPA 335.3									
16	SW846 8270C									
17	EPA 160.1									
18	EPA 160.2									
19	EPA 410.4									
20	SW846 7196A									
21	EPA 415.1									
22	EPA 350.1									
23	EPA 365.4									
24	EPA 310.1									
25	SM 2320B									
26	SW846 8260B									
27	EPA 110.2									
28	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	60%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	71%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	33%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	73%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	20%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	81%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	85%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	90%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	84%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

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Contact: Rick Powell
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Client Sample ID: LF-01
Sample ID: 37408004

Proiect: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A102	Project:	DELT00200
Sample ID:	37408005	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Conductivity Analysis											
EPA120.1 Specific Conductivity											
Conductivity		100	1.00	1.00	umhos/cm	1	MOJ1	02/14/01	1000	64819	1
Electrode Analysis											
EPA 150.1 pH											
pH at Temp 23.2C		5.80	0.010	0.100	SU	1	VH1	02/08/01	2037	64201	2
Ion Chromatography											
EPA300.0 Sulfate in Liquid											
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1	02/08/01	2342	64173	3
Chloride		6.47	0.025	0.100	mg/L	1					
Fluoride		0.060	0.014	0.050	mg/L	1					
Nitrate		0.164	0.010	0.050	mg/L	1					
Nitrite	U	ND	0.009	0.050	mg/L	1					
Sulfate		27.9	0.062	0.200	mg/L	1					
Mercury Analysis											
7470 Cold Vapor Hg Liquid											
Mercury	U	ND	0.073	0.200	ug/L	1	AW2	02/13/01	1205	64738	4
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		5230	37.5	100	ug/L	1	HSC	02/12/01	2011	64631	5
Magnesium		2420	4.49	20.0	ug/L	1					
Potassium		1510	7.07	100	ug/L	1					
Silica		31800	28.4	213	ug/L	1					
Silicon		15000	13.3	100	ug/L	1					
Sodium		7470	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0438	64405	6
Arsenic	J	1.32	0.725	15.0	ug/L	5					
Barium		59.4	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	3.24	3.23	15.0	ug/L	5					
Cobalt	J	0.135	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		235	3.28	25.0	ug/L	5					
Nickel	J	3.13	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					

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Certificate of Analysis

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Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102 Project: DELT00200
Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Silver	J	1.18		0.505	5.00	ug/L	5					
Strontium		83.1		0.100	50.0	ug/L	5					
Thallium	U	ND		0.070	2.50	ug/L	5					
Vanadium	J	7.53		1.65	50.0	ug/L	5					
Iron		5810		39.6	125	ug/L	5	LAR	02/19/01	2038	64405	7
Zinc	J	15.6		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	8
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.112	0.249	1.00	pCi/L		TOH2	02/17/01	1052	64156	9
Uranium-235/236	U	ND	+/-0.116	0.303	1.00	pCi/L						
Uranium-238	U	ND	+/-0.0895	0.191	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha		2.51	+/-1.35	1.24	1.50	pCi/L		NVN	02/14/01	1134	64469	10
Beta		5.95	+/-1.84	3.02	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-0.865	1.72	1.50	pCi/L		AS1	02/19/01	1023	64372	11
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222		193	+/-35.3	48.8	200	pCi/L		CAF1	02/10/01	0035	64197	12
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226	U	ND	+/-0.149	0.448	1.00	pCi/L		RDD	02/13/01	1214	64199	13
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1143	64774	14
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.48	9.71	ug/L	1	JWF	02/14/01	0240	64424	15
1,2-Dichlorobenzene	U	ND		1.58	9.71	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.47	9.71	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.78	9.71	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.15	9.71	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.09	9.71	ug/L	1					
2,4-Dichlorophenol	U	ND		1.24	9.71	ug/L	1					

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102 Proiect: DELT00200
Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dimethylphenol	U	ND	1.25	9.71	ug/L	1				
2,4-Dinitrophenol	U	ND	1.32	19.4	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.942	9.71	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.06	9.71	ug/L	1				
2-Chloronaphthalene	U	ND	0.126	0.971	ug/L	1				
2-Chlorophenol	U	ND	1.20	9.71	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.942	9.71	ug/L	1				
2-Methylnaphthalene	U	ND	0.146	0.971	ug/L	1				
2-Nitrophenol	U	ND	1.29	9.71	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.07	9.71	ug/L	1				
4-Bromophenylphenylether	U	ND	1.11	9.71	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.35	9.71	ug/L	1				
4-Chloroaniline	U	ND	2.43	9.71	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.15	9.71	ug/L	1				
4-Nitrophenol	U	ND	0.175	9.71	ug/L	1				
Acenaphthene	U	ND	0.068	0.971	ug/L	1				
Acenaphthylene	U	ND	0.0971	0.971	ug/L	1				
Anthracene	U	ND	0.126	0.971	ug/L	1				
Benzo(a)anthracene	U	ND	0.0971	0.971	ug/L	1				
Benzo(a)pyrene	U	ND	0.126	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.126	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0777	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.223	0.971	ug/L	1				
Butylbenzylphthalate	U	ND	1.77	9.71	ug/L	1				
Carbazole	U	ND	1.22	9.71	ug/L	1				
Chrysene	U	ND	0.117	0.971	ug/L	1				
Di-n-butylphthalate	U	ND	1.77	9.71	ug/L	1				
Di-n-octylphthalate	U	ND	2.06	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.0971	0.971	ug/L	1				
Dibenzofuran	U	ND	0.961	9.71	ug/L	1				
Diethylphthalate	U	ND	1.19	9.71	ug/L	1				
Dimethylphthalate	U	ND	1.08	9.71	ug/L	1				
Diphenylamine	U	ND	0.990	9.71	ug/L	1				
Fluoranthene	U	ND	0.117	0.971	ug/L	1				
Fluorene	U	ND	0.117	0.971	ug/L	1				
Hexachlorobenzene	U	ND	1.04	9.71	ug/L	1				
Hexachlorobutadiene	U	ND	1.71	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.07	9.71	ug/L	1				
Hexachloroethane	U	ND	1.65	9.71	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.0971	0.971	ug/L	1				
Isophorone	U	ND	1.09	9.71	ug/L	1				
N-Nitrosodipropylamine	U	ND	1.28	9.71	ug/L	1				

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102 Project: DELT00200
Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
Naphthalene	U	ND	0.117	0.971	ug/L	1				
Nitrobenzene	U	ND	1.38	9.71	ug/L	1				
Pentachlorophenol	U	ND	1.53	9.71	ug/L	1				
Phenanthrene	U	ND	0.117	0.971	ug/L	1				
Phenol	U	ND	0.816	9.71	ug/L	1				
Pyrene	U	ND	0.136	0.971	ug/L	1				
bis(2-Chloroethoxy)methane	U	ND	1.35	9.71	ug/L	1				
bis(2-Chloroethyl) ether	U	ND	1.36	9.71	ug/L	1				
bis(2-Chloroisopropyl)ether	U	ND	1.28	9.71	ug/L	1				
bis(2-Ethylhexyl)phthalate	U	ND	0.0388	0.971	ug/L	1				
m,p-Cresols	U	ND	1.04	9.71	ug/L	1				
m-Nitroaniline	U	ND	1.27	9.71	ug/L	1				
o-Cresol	U	ND	1.22	9.71	ug/L	1				
o-Nitroaniline	U	ND	2.03	9.71	ug/L	1				
p-Nitroaniline	U	ND	1.50	9.71	ug/L	1				
Solids Analysis										
EPA 160.1 Solids, Dissolved										
Total Dissolved Solids		94.0	5.09	10.0	mg/L		TSM 02/09/01	1126	64234	16
EPA 160.2 Total Suspended Liq										
Total Suspended Solids	U	ND	0.699	5.00	mg/L		TSM 02/09/01	1054	64238	17
Spectrometric Analysis										
EPA 410.4 Chem. Oxygen Demand										
COD		5.19	1.74	5.00	mg/L	1	MOJ1 02/12/01	0820	64442	18
SW846_7196A Hexavalent Chromiu										
Hexavalent Chromium	J	0.006	0.005	0.010	mg/L	1	TCC1 02/08/01	1330	64176	19
TOC Analysis										
EPA 415.1 Total Organic Carbon										
Total Organic Carbon		0.768	0.0406	0.200	mg/L	1	MS1 02/15/01	1854	65225	20
TRAACS Nutrient Analysis										
EPA 350.1 Nitrogen, Ammonia L										
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL 02/09/01	1356	64345	21
EPA 365.4 Phosphorus, Total in										
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL 02/12/01	1525	64516	22
Titration Analysis										
EPA 310.1 Total Alkalinity										
Alkalinity, Total as CaCO3		11.9	1.45	2.00	mg/L		MOJ1 02/19/01	0817	65545	23
SM2320B Bicarbonates										
Bicarbonate alkalinity		11.9	1.45	2.00	mg/L		MOJ1 02/19/01	0817	65545	24

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Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Titration Analysis										
SM2320B Bicarbonates										
(CaCO3)										
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L					
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L					
Volatile Organics										
5030/8260B TCL in Liquid										
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB 02/15/01	1708	65159	25
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1				
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1				
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1				
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1				
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1				
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1				
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1				
2-Butanone	U	ND	0.810	10.0	ug/L	1				
2-Hexanone	U	ND	0.790	10.0	ug/L	1				
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1				
Acetone	J	3.23	0.820	10.0	ug/L	1				
Benzene	U	ND	0.140	2.00	ug/L	1				
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1				
Bromoform	U	ND	0.100	2.00	ug/L	1				
Bromomethane	U	ND	0.240	2.00	ug/L	1				
Carbon disulfide	U	ND	0.900	10.0	ug/L	1				
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1				
Chlorobenzene	U	ND	0.200	2.00	ug/L	1				
Chloroethane	U	ND	0.320	2.00	ug/L	1				
Chloroform	U	ND	0.170	2.00	ug/L	1				
Chloromethane	U	ND	0.210	2.00	ug/L	1				
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1				
Ethylbenzene	U	ND	0.150	2.00	ug/L	1				
Methylene chloride	U	ND	0.630	5.00	ug/L	1				
Styrene	U	ND	0.150	2.00	ug/L	1				
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1				
Toluene	U	ND	0.220	2.00	ug/L	1				
Trichloroethylene	U	ND	0.160	2.00	ug/L	1				
Vinyl acetate	U	ND	0.440	10.0	ug/L	1				
Vinyl chloride	U	ND	0.260	2.00	ug/L	1				
Xylenes (total)	U	ND	0.440	6.00	ug/L	1				
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1				
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1				

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102 Project: DELT00200
Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	26
EPA 180.1 Turbidity											
Turbidity		0.740	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	27

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1708	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	SW846 7470A
5	SW846 3005/6010B
6	SW846 6020
7	SW846 6020
8	EPA 405.1
9	DOE EML HASL 300
10	EPA 900.0
11	EPA 904.0

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Sample ID: 37408005 Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
12	EPA EERF App. B									
13	EPA 903.1									
14	EPA 335.3									
15	SW846 8270C									
16	EPA 160.1									
17	EPA 160.2									
18	EPA 410.4									
19	SW846 7196A									
20	EPA 415.1									
21	EPA 350.1									
22	EPA 365.4									
23	EPA 310.1									
24	SM 2320B									
25	SW846 8260B									
26	EPA 110.2									
27	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	65%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	76%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	41%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	78%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	26%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	81%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	84%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	90%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	83%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

The above sample is reported on an "as received" basis.

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102
Sample ID: 37408005

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A	Project:	DELT00200
Sample ID:	37408006	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Conductivity Analysis											
EPA120.1 Specific Conductivity											
Conductivity		95.6	1.00	1.00	umhos/cm	1	MOJ1	02/14/01	1000	64819	1
Electrode Analysis											
EPA 150.1 pH											
pH at Temp 23.6C		5.80	0.010	0.100	SU	1	VH1	02/08/01	2039	64201	2
Ion Chromatography											
EPA300.0 Sulfate in Liquid											
Bromide	U	ND	0.020	0.050	mg/L	1	KMR1	02/08/01	2357	64173	3
Chloride		6.41	0.025	0.100	mg/L	1					
Fluoride		0.067	0.014	0.050	mg/L	1					
Nitrate		0.170	0.010	0.050	mg/L	1					
Nitrite	U	ND	0.009	0.050	mg/L	1					
Sulfate		27.8	0.062	0.200	mg/L	1					
Mercury Analysis											
7470 Cold Vapor Hg Liquid											
Mercury	U	ND	0.073	0.200	ug/L	1	AW2	02/13/01	1207	64738	4
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		4960	37.5	100	ug/L	1	HSC	02/12/01	2018	64631	5
Magnesium		2290	4.49	20.0	ug/L	1					
Potassium		1470	7.07	100	ug/L	1					
Silica		31100	28.4	213	ug/L	1					
Silicon		14700	13.3	100	ug/L	1					
Sodium		7280	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0446	64405	6
Arsenic	J	3.23	0.725	15.0	ug/L	5					
Barium		60.0	0.790	10.0	ug/L	5					
Beryllium	J	0.175	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	U	ND	3.23	15.0	ug/L	5					
Cobalt	U	ND	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		231	3.28	25.0	ug/L	5					
Nickel	J	3.07	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A
Sample ID: 37408006

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result		DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICPMS												
6020/3005 MIMICP SCAN Metals												
Silver	J	1.29		0.505	5.00	ug/L	5					
Strontium		81.4		0.100	50.0	ug/L	5					
Thallium	U	ND		0.070	2.50	ug/L	5					
Vanadium	J	5.04		1.65	50.0	ug/L	5					
Iron		5990		39.6	125	ug/L	5	LAR	02/19/01	2102	64405	7
Zinc	J	17.7		4.87	50.0	ug/L	5					
Micro-biology												
EPA 405.1 BOD, 5DAY												
BOD, 5 DAY	U	ND		2.00	4.00	mg/L		ES	02/08/01	1314	64096	8
Rad Alpha Spec												
Alphaspec U, liquid												
Uranium-233/234	U	ND	+/-0.190	0.288	1.00	pCi/L		TOH2	02/17/01	1052	64156	9
Uranium-235/236	U	ND	+/-0.088	0.161	1.00	pCi/L						
Uranium-238	U	ND	+/-0.0208	0.190	1.00	pCi/L						
Rad Gas Flow												
GFPC, Gross A/B, liquid												
Alpha	U	ND	+/-1.08	2.10	1.50	pCi/L		NVN	02/14/01	1236	64469	10
Beta	U	ND	+/-1.82	4.03	2.00	pCi/L						
GFPC, Ra228, liquid												
Radium-228	U	ND	+/-0.660	1.58	1.50	pCi/L		AS1	02/19/01	1023	64372	11
Rad Liquid Scint												
Liquid Scint Rn222, liquid												
Radon-222		205	+/-35.9	49.2	200	pCi/L		CAF1	02/10/01	0106	64197	12
Rad Radium-226												
Lucas Cell, Ra226, liquid												
Radium-226		1.46	+/-0.507	0.425	1.00	pCi/L		RDD	02/13/01	1214	64199	13
Rapid Flow Analysis (Alpkem)												
EPA 335.3 Cyanide, Total												
Cyanide, Total	U	ND		2.76	5.00	ug/L	1	ADF	02/13/01	1144	64774	14
Semi-Volatiles-GC/MS												
3510/8270C TCL BNA Liquid												
1,2,4-Trichlorobenzene	U	ND		1.48	9.71	ug/L	1	JWF	02/14/01	0311	64424	15
1,2-Dichlorobenzene	U	ND		1.58	9.71	ug/L	1					
1,3-Dichlorobenzene	U	ND		1.47	9.71	ug/L	1					
1,4-Dichlorobenzene	U	ND		1.78	9.71	ug/L	1					
2,4,5-Trichlorophenol	U	ND		1.15	9.71	ug/L	1					
2,4,6-Trichlorophenol	U	ND		1.09	9.71	ug/L	1					
2,4-Dichlorophenol	U	ND		1.24	9.71	ug/L	1					

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Project: Containerboard Mill

Client Sample ID: LF-01A
Sample ID: 37408006

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi-Volatiles-GC/MS										
3510/8270C TCL BNA Liquid										
2,4-Dimethylphenol	U	ND	1.25	9.71	ug/L	1				
2,4-Dinitrophenol	U	ND	1.32	19.4	ug/L	1				
2,4-Dinitrotoluene	U	ND	0.942	9.71	ug/L	1				
2,6-Dinitrotoluene	U	ND	1.06	9.71	ug/L	1				
2-Chloronaphthalene	U	ND	0.126	0.971	ug/L	1				
2-Chlorophenol	U	ND	1.20	9.71	ug/L	1				
2-Methyl-4,6-dinitrophenol	U	ND	0.942	9.71	ug/L	1				
2-Methylnaphthalene	U	ND	0.146	0.971	ug/L	1				
2-Nitrophenol	U	ND	1.29	9.71	ug/L	1				
3,3'-Dichlorobenzidine	U	ND	1.07	9.71	ug/L	1				
4-Bromophenylphenylether	U	ND	1.11	9.71	ug/L	1				
4-Chloro-3-methylphenol	U	ND	1.35	9.71	ug/L	1				
4-Chloroaniline	U	ND	2.43	9.71	ug/L	1				
4-Chlorophenylphenylether	U	ND	1.15	9.71	ug/L	1				
4-Nitrophenol	U	ND	0.175	9.71	ug/L	1				
Acenaphthene	U	ND	0.068	0.971	ug/L	1				
Acenaphthylene	U	ND	0.0971	0.971	ug/L	1				
Anthracene	U	ND	0.126	0.971	ug/L	1				
Benzo(a)anthracene	U	ND	0.0971	0.971	ug/L	1				
Benzo(a)pyrene	U	ND	0.126	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND	0.126	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND	0.0777	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND	0.223	0.971	ug/L	1				
Butylbenzylphthalate	U	ND	1.77	9.71	ug/L	1				
Carbazole	U	ND	1.22	9.71	ug/L	1				
Chrysene	U	ND	0.117	0.971	ug/L	1				
Di-n-butylphthalate	U	ND	1.77	9.71	ug/L	1				
Di-n-octylphthalate	U	ND	2.06	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND	0.0971	0.971	ug/L	1				
Dibenzofuran	U	ND	0.961	9.71	ug/L	1				
Diethylphthalate	U	ND	1.19	9.71	ug/L	1				
Dimethylphthalate	U	ND	1.08	9.71	ug/L	1				
Diphenylamine	U	ND	0.990	9.71	ug/L	1				
Fluoranthene	U	ND	0.117	0.971	ug/L	1				
Fluorene	U	ND	0.117	0.971	ug/L	1				
Hexachlorobenzene	U	ND	1.04	9.71	ug/L	1				
Hexachlorobutadiene	U	ND	1.71	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND	1.07	9.71	ug/L	1				
Hexachloroethane	U	ND	1.65	9.71	ug/L	1				
Indeno(1,2,3-cd)pyrene	U	ND	0.0971	0.971	ug/L	1				
Isophorone	U	ND	1.09	9.71	ug/L	1				
N-Nitrosodipropylamine	U	ND	1.28	9.71	ug/L	1				

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Certificate of Analysis

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A
Sample ID: 37408006

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-GC/MS											
3510/8270C TCL BNA Liquid											
Naphthalene	U	ND	0.117	0.971	ug/L	1					
Nitrobenzene	U	ND	1.38	9.71	ug/L	1					
Pentachlorophenol	U	ND	1.53	9.71	ug/L	1					
Phenanthrene	U	ND	0.117	0.971	ug/L	1					
Phenol	U	ND	0.816	9.71	ug/L	1					
Pyrene	U	ND	0.136	0.971	ug/L	1					
bis(2-Chloroethoxy)methane	U	ND	1.35	9.71	ug/L	1					
bis(2-Chloroethyl) ether	U	ND	1.36	9.71	ug/L	1					
bis(2-Chloroisopropyl)ether	U	ND	1.28	9.71	ug/L	1					
bis(2-Ethylhexyl)phthalate		1.22	0.0388	0.971	ug/L	1					
m,p-Cresols	U	ND	1.04	9.71	ug/L	1					
m-Nitroaniline	U	ND	1.27	9.71	ug/L	1					
o-Cresol	U	ND	1.22	9.71	ug/L	1					
o-Nitroaniline	U	ND	2.03	9.71	ug/L	1					
p-Nitroaniline	U	ND	1.50	9.71	ug/L	1					
Solids Analysis											
EPA 160.1 Solids, Dissolved											
Total Dissolved Solids		103	5.09	10.0	mg/L		TSM	02/09/01	1126	64234	16
EPA 160.2 Total Suspended Liq											
Total Suspended Solids	U	ND	0.777	5.56	mg/L		TSM	02/09/01	1054	64238	17
Spectrometric Analysis											
EPA 410.4 Chem. Oxygen Demand											
COD	J	4.19	1.74	5.00	mg/L	1	MOJ1	02/12/01	0820	64442	18
SW846_7196A Hexavalent Chromiu											
Hexavalent Chromium	U	ND	0.005	0.010	mg/L	1	TCC1	02/08/01	1330	64176	19
TOC Analysis											
EPA 415.1 Total Organic Carbon											
Total Organic Carbon		0.394	0.0406	0.200	mg/L	1	MS1	02/15/01	1910	65225	20
TRAACS Nutrient Analysis											
EPA 350.1 Nitrogen, Ammonia L											
Nitrogen, Ammonia	U	ND	0.0235	0.050	mg/L	1	THL	02/09/01	1356	64345	21
EPA 365.4 Phosphorus, Total in											
Phosphorus, Total as PO4	U	ND	0.0194	0.050	mg/L	1	THL	02/12/01	1525	64516	22
Titration Analysis											
EPA 310.1 Total Alkalinity											
Alkalinity, Total as CaCO3		5.97	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	23
SM2320B Bicarbonates											
Bicarbonate alkalinity		5.97	1.45	2.00	mg/L		MOJ1	02/19/01	0817	65545	24

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Sample ID: 37408006

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Titration Analysis										
SM2320B Bicarbonates										
(CaCO3)										
Carbonate alkalinity (CaCO3)	U	ND	1.45	2.00	mg/L					
Hydroxide alkalinity as CaCO3	U	ND	1.45	2.00	mg/L					
Volatile Organics										
5030/8260B TCL in Liquid										
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB 02/15/01	1735	65159	25
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1				
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1				
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1				
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1				
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1				
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1				
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1				
2-Butanone	U	ND	0.810	10.0	ug/L	1				
2-Hexanone	U	ND	0.790	10.0	ug/L	1				
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1				
Acetone	J	2.33	0.820	10.0	ug/L	1				
Benzene	U	ND	0.140	2.00	ug/L	1				
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1				
Bromoform	U	ND	0.100	2.00	ug/L	1				
Bromomethane	U	ND	0.240	2.00	ug/L	1				
Carbon disulfide	U	ND	0.900	10.0	ug/L	1				
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1				
Chlorobenzene	U	ND	0.200	2.00	ug/L	1				
Chloroethane	U	ND	0.320	2.00	ug/L	1				
Chloroform	U	ND	0.170	2.00	ug/L	1				
Chloromethane	U	ND	0.210	2.00	ug/L	1				
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1				
Ethylbenzene	U	ND	0.150	2.00	ug/L	1				
Methylene chloride	U	ND	0.630	5.00	ug/L	1				
Styrene	U	ND	0.150	2.00	ug/L	1				
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1				
Toluene	U	ND	0.220	2.00	ug/L	1				
Trichloroethylene	U	ND	0.160	2.00	ug/L	1				
Vinyl acetate	U	ND	0.440	10.0	ug/L	1				
Vinyl chloride	U	ND	0.260	2.00	ug/L	1				
Xylenes (total)	U	ND	0.440	6.00	ug/L	1				
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1				
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1				

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					
Wet Chemistry General											
EPA 110.2 Color											
Color	U	ND	5.00	5.00	PCU	1	VH1	02/08/01	1545	64198	26
EPA 180.1 Turbidity											
Turbidity		0.910	0.100	0.200	NTU	1	TCC1	02/08/01	1630	64200	27

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
EPA 160.2	EPA 160.2 Total Suspended Solids	TSM	02/09/01	1054	64238
EPA 335.3	EPA 335.3 Total Cyanide	TEMP	02/09/01	1755	64304
EPA 350.1	EPA 350.1 Ammonia Nitrogen Liquid	THL	02/09/01	1356	64345
EPA 350.2 Prep	EPA 350.1 Ammonia Nitrogen Prep	THL	02/09/01	1317	64285
EPA 365.4 Prep	EPA 365.4 Phosphorus, Total in liquid PR	TEMP	02/09/01	0757	64183
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251
SW846 3510C	3510C BNA Liq. Prep-8270C Analysis	AEJ	02/09/01	1600	64273
SW846 7470A	EPA 7470 Mercury Prep Liquid	ARD	02/12/01	1930	64263
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1735	65159

The following Analytical Methods were performed

Method	Description
1	EPA 120.1
2	EPA 150.1
3	EPA 300.0
4	SW846 7470A
5	SW846 3005/6010B
6	SW846 6020
7	SW846 6020
8	EPA 405.1
9	DOE EML HASL 300
10	EPA 900.0
11	EPA 904.0

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Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
12	EPA EERF App. B									
13	EPA 903.1									
14	EPA 335.3									
15	SW846 8270C									
16	EPA 160.1									
17	EPA 160.2									
18	EPA 410.4									
19	SW846 7196A									
20	EPA 415.1									
21	EPA 350.1									
22	EPA 365.4									
23	EPA 310.1									
24	SM 2320B									
25	SW846 8260B									
26	EPA 110.2									
27	EPA 180.1									

Surrogate recovery	Test	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	3510/8270C TCL BNA Liquid	66%	(30%-116%)
2-Fluorobiphenyl	3510/8270C TCL BNA Liquid	76%	(29%-106%)
2-Fluorophenol	3510/8270C TCL BNA Liquid	41%	(23%-71%)
Nitrobenzene-d5	3510/8270C TCL BNA Liquid	78%	(25%-105%)
Phenol-d5	3510/8270C TCL BNA Liquid	26%	(10%-50%)
p-Terphenyl-d14	3510/8270C TCL BNA Liquid	88%	(18%-125%)
Bromofluorobenzene	5030/8260B TCL in Liquid	84%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	91%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	83%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

The above sample is reported on an "as received" basis.

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Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A
Sample ID: 37408006

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-09 Filtered	Project:	DELT00200
Sample ID:	37408007	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		5590	37.5	100	ug/L	1	HSC	02/12/01	2025	64631	1
Magnesium		3080	4.49	20.0	ug/L	1					
Potassium		2490	7.07	100	ug/L	1					
Silica		60200	28.4	213	ug/L	1					
Silicon		28400	13.3	100	ug/L	1					
Sodium		12300	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	J	2.39	0.555	10.0	ug/L	5	LAR	02/20/01	0454	64405	2
Arsenic	J	2.50	0.725	15.0	ug/L	5					
Barium		349	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	U	ND	3.23	15.0	ug/L	5					
Cobalt		19.3	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		1260	3.28	25.0	ug/L	5					
Nickel		12.9	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	1.29	0.505	5.00	ug/L	5					
Strontium		68.1	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	3.05	1.65	50.0	ug/L	5					
Iron		3260	39.6	125	ug/L	5	LAR	02/19/01	2110	64405	3
Zinc		381	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		13.1	0.0406	0.200	mg/L	1	MS1	02/19/01	1920	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

The following Analytical Methods were performed

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-09 Filtered
Sample ID: 37408007

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

Notes:
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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-11 Filtered	Project:	DELT00200
Sample ID:	37408008	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		1930	37.5	100	ug/L	1	HSC	02/12/01	2031	64631	1
Magnesium		1610	4.49	20.0	ug/L	1					
Potassium		634	7.07	100	ug/L	1					
Silica		27400	28.4	213	ug/L	1					
Silicon		12900	13.3	100	ug/L	1					
Sodium		9390	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	J	1.02	0.555	10.0	ug/L	5	LAR	02/20/01	0502	64405	2
Arsenic	J	2.37	0.725	15.0	ug/L	5					
Barium		189	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	3.49	3.23	15.0	ug/L	5					
Cobalt		5.03	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		97.4	3.28	25.0	ug/L	5					
Nickel	J	2.24	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	0.995	0.505	5.00	ug/L	5					
Strontium	J	30.3	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	5.46	1.65	50.0	ug/L	5					
Iron		440	39.6	125	ug/L	5	LAR	02/19/01	2118	64405	3
Zinc		126	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		7.52	0.0406	0.200	mg/L	1	MS1	02/19/01	2023	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

The following Analytical Methods were performed

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-11 Filtered
Sample ID: 37408008

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-12 Filtered	Project:	DELT00200
Sample ID:	37408009	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		3790	37.5	100	ug/L	1	HSC	02/12/01	2038	64631	1
Magnesium		1110	4.49	20.0	ug/L	1					
Potassium		450	7.07	100	ug/L	1					
Silica		36600	28.4	213	ug/L	1					
Silicon		17300	13.3	100	ug/L	1					
Sodium		15700	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	J	2.17	0.555	10.0	ug/L	5	LAR	02/20/01	0510	64405	2
Arsenic	J	3.87	0.725	15.0	ug/L	5					
Barium		264	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	5.03	3.23	15.0	ug/L	5					
Cobalt	J	3.07	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese	J	10.5	3.28	25.0	ug/L	5					
Nickel	J	2.43	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	0.995	0.505	5.00	ug/L	5					
Strontium	J	40.7	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	8.15	1.65	50.0	ug/L	5					
Iron		200	39.6	125	ug/L	5	LAR	02/19/01	2134	64405	3
Zinc		247	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		1.68	0.0406	0.200	mg/L	1	MS1	02/19/01	2039	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

The following Analytical Methods were performed

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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-12 Filtered
Sample ID: 37408009

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01 Filtered	Project:	DELT00200
Sample ID:	37408010	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		14700	37.5	100	ug/L	1	HSC	02/12/01	2044	64631	1
Magnesium		8610	4.49	20.0	ug/L	1					
Potassium		1630	7.07	100	ug/L	1					
Silica		16500	28.4	213	ug/L	1					
Silicon		7800	13.3	100	ug/L	1					
Sodium		23000	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	J	1.17	0.555	10.0	ug/L	5	LAR	02/20/01	0518	64405	2
Arsenic	J	2.34	0.725	15.0	ug/L	5					
Barium		218	0.790	10.0	ug/L	5					
Beryllium	J	0.210	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	J	5.55	3.23	15.0	ug/L	5					
Cobalt		6.02	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		263	3.28	25.0	ug/L	5					
Nickel	J	7.06	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	1.10	0.505	5.00	ug/L	5					
Strontium		249	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	14.4	1.65	50.0	ug/L	5					
Iron		19300	39.6	125	ug/L	5	LAR	02/19/01	2142	64405	3
Zinc		392	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		1.70	0.0406	0.200	mg/L	1	MS1	02/19/01	2055	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

The following Analytical Methods were performed

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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01 Filtered
Sample ID: 37408010

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A102 Filtered	Project:	DELT00200
Sample ID:	37408011	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		5710	37.5	100	ug/L	1	HSC	02/12/01	2051	64631	1
Magnesium		2460	4.49	20.0	ug/L	1					
Potassium		927	7.07	100	ug/L	1					
Silica		32500	28.4	213	ug/L	1					
Silicon		15300	13.3	100	ug/L	1					
Sodium		9350	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	J	1.73	0.555	10.0	ug/L	5	LAR	02/20/01	0526	64405	2
Arsenic	J	1.80	0.725	15.0	ug/L	5					
Barium		168	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	U	ND	3.23	15.0	ug/L	5					
Cobalt	U	ND	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		228	3.28	25.0	ug/L	5					
Nickel	J	2.90	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	1.02	0.505	5.00	ug/L	5					
Strontium		81.9	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	5.24	1.65	50.0	ug/L	5					
Iron		5680	39.6	125	ug/L	5	LAR	02/19/01	2206	64405	3
Zinc		94.5	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		1.09	0.0406	0.200	mg/L	1	MS1	02/19/01	2111	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A102 Filtered
Sample ID: 37408011

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A Filtered	Project:	DELT00200
Sample ID:	37408012	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP											
3005/6010 Silicon/Silica											
Calcium		5310	37.5	100	ug/L	1	HSC	02/12/01	2058	64631	1
Magnesium		2460	4.49	20.0	ug/L	1					
Potassium		1670	7.07	100	ug/L	1					
Silica		32600	28.4	213	ug/L	1					
Silicon		15400	13.3	100	ug/L	1					
Sodium		7840	8.13	100	ug/L	1					
Metals Analysis-ICPMS											
6020/3005 MIMICP SCAN Metals											
Antimony	U	ND	0.555	10.0	ug/L	5	LAR	02/20/01	0534	64405	2
Arsenic	J	4.66	0.725	15.0	ug/L	5					
Barium		144	0.790	10.0	ug/L	5					
Beryllium	U	ND	0.170	1.00	ug/L	5					
Cadmium	U	ND	0.250	5.00	ug/L	5					
Chromium	U	ND	3.23	15.0	ug/L	5					
Cobalt	J	0.095	0.090	5.00	ug/L	5					
Copper	U	ND	2.97	5.00	ug/L	5					
Lead	U	ND	0.385	10.0	ug/L	5					
Manganese		227	3.28	25.0	ug/L	5					
Nickel	J	2.91	0.360	10.0	ug/L	5					
Selenium	U	ND	1.09	25.0	ug/L	5					
Silver	J	1.10	0.505	5.00	ug/L	5					
Strontium		82.6	0.100	50.0	ug/L	5					
Thallium	U	ND	0.070	2.50	ug/L	5					
Vanadium	J	5.22	1.65	50.0	ug/L	5					
Iron		5850	39.6	125	ug/L	5	LAR	02/19/01	2214	64405	3
Zinc	J	35.7	4.87	50.0	ug/L	5					
TOC Analysis											
EPA 415.1 Diss.Org.Carbon Liq											
Diss. Org. Carbon		0.584	0.0406	0.200	mg/L	1	MS1	02/19/01	2127	65619	4

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	ICP-MS 3005 PREP	KLD1	02/09/01	1345	64255
SW846 3005A	ICP-TRACE SW846 3005A	KLD1	02/09/01	1315	64251

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Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A Filtered
Sample ID: 37408012

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description
1	SW846 3005/6010B
2	SW846 6020
3	SW846 6020
4	EPA 415.1

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Company : Delta Environmental
Address : 6701 Carmel, Suite 303
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Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A103	Project:	DELT00200
Sample ID:	37408013	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB	02/15/01	1803	65159	1
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1					
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1					
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1					
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1					
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1					
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1					
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1					
2-Butanone	U	ND	0.810	10.0	ug/L	1					
2-Hexanone	U	ND	0.790	10.0	ug/L	1					
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1					
Acetone	J	3.53	0.820	10.0	ug/L	1					
Benzene	U	ND	0.140	2.00	ug/L	1					
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1					
Bromoform	U	ND	0.100	2.00	ug/L	1					
Bromomethane	U	ND	0.240	2.00	ug/L	1					
Carbon disulfide	U	ND	0.900	10.0	ug/L	1					
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1					
Chlorobenzene	U	ND	0.200	2.00	ug/L	1					
Chloroethane	U	ND	0.320	2.00	ug/L	1					
Chloroform	U	ND	0.170	2.00	ug/L	1					
Chloromethane	U	ND	0.210	2.00	ug/L	1					
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1					
Ethylbenzene	U	ND	0.150	2.00	ug/L	1					
Methylene chloride	U	ND	0.630	5.00	ug/L	1					
Styrene	U	ND	0.150	2.00	ug/L	1					
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1					
Toluene	U	ND	0.220	2.00	ug/L	1					
Trichloroethylene	U	ND	0.160	2.00	ug/L	1					
Vinyl acetate	U	ND	0.440	10.0	ug/L	1					
Vinyl chloride	U	ND	0.260	2.00	ug/L	1					
Xylenes (total)	U	ND	0.440	6.00	ug/L	1					
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1					
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1					
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					

The following Prep Methods were performed

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A103
Sample ID: 37408013

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1803	65159

The following Analytical Methods were performed

Method	Description
1	SW846 8260B

Surrogate recovery	Test	Recovery%	Acceptable Limits
Bromofluorobenzene	5030/8260B TCL in Liquid	84%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	90%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	84%	(64%-130%)

Notes:
The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.
< Actual result is less than amount reported
> Actual result is greater than amount reported
J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
U Indicates the compound was analyzed for but not detected above the detection limit

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID:	LF-01A104	Project:	DELT00200
Sample ID:	37408014	Client ID:	DELT002
Matrix:	Ground Water		
Collect Date:	07-FEB-01		
Receive Date:	08-FEB-01		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Volatile Organics											
5030/8260B TCL in Liquid											
1,1,1-Trichloroethane	U	ND	0.180	2.00	ug/L	1	JEB	02/15/01	1830	65159	1
1,1,2,2-Tetrachloroethane	U	ND	0.150	2.00	ug/L	1					
1,1,2-Trichloroethane	U	ND	0.110	2.00	ug/L	1					
1,1-Dichloroethane	U	ND	0.070	2.00	ug/L	1					
1,1-Dichloroethylene	U	ND	0.280	2.00	ug/L	1					
1,2-Dichloroethane	U	ND	0.140	2.00	ug/L	1					
1,2-Dichloroethylene (total)	U	ND	0.470	2.00	ug/L	1					
1,2-Dichloropropane	U	ND	0.160	2.00	ug/L	1					
2-Butanone	U	ND	0.810	10.0	ug/L	1					
2-Hexanone	U	ND	0.790	10.0	ug/L	1					
4-Methyl-2-pentanone	U	ND	0.700	10.0	ug/L	1					
Acetone	J	3.51	0.820	10.0	ug/L	1					
Benzene	U	ND	0.140	2.00	ug/L	1					
Bromodichloromethane	U	ND	0.150	2.00	ug/L	1					
Bromoform	U	ND	0.100	2.00	ug/L	1					
Bromomethane	U	ND	0.240	2.00	ug/L	1					
Carbon disulfide	U	ND	0.900	10.0	ug/L	1					
Carbon tetrachloride	U	ND	0.160	2.00	ug/L	1					
Chlorobenzene	U	ND	0.200	2.00	ug/L	1					
Chloroethane	U	ND	0.320	2.00	ug/L	1					
Chloroform	U	ND	0.170	2.00	ug/L	1					
Chloromethane	U	ND	0.210	2.00	ug/L	1					
Dibromochloromethane	U	ND	0.160	2.00	ug/L	1					
Ethylbenzene	U	ND	0.150	2.00	ug/L	1					
Methylene chloride	U	ND	0.630	5.00	ug/L	1					
Styrene	U	ND	0.150	2.00	ug/L	1					
Tetrachloroethylene	U	ND	0.210	2.00	ug/L	1					
Toluene	U	ND	0.220	2.00	ug/L	1					
Trichloroethylene	U	ND	0.160	2.00	ug/L	1					
Vinyl acetate	U	ND	0.440	10.0	ug/L	1					
Vinyl chloride	U	ND	0.260	2.00	ug/L	1					
Xylenes (total)	U	ND	0.440	6.00	ug/L	1					
cis-1,2-Dichloroethylene	U	ND	0.180	2.00	ug/L	1					
cis-1,3-Dichloropropylene	U	ND	0.180	2.00	ug/L	1					
trans-1,2-Dichloroethylene	U	ND	0.310	2.00	ug/L	1					
trans-1,3-Dichloropropylene	U	ND	0.170	2.00	ug/L	1					

The following Prep Methods were performed

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Certificate of Analysis

Company : Delta Environmental
Address : 6701 Carmel, Suite 303
Charlotte, NC 28226

Report Date: February 22, 2001

Contact: Rick Powell
Project: Containerboard Mill

Client Sample ID: LF-01A104
Sample ID: 37408014

Project: DELT00200
Client ID: DELT002

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 8260B	8260B Volatiles In Liquid	JEB	02/15/01	1830	65159

The following Analytical Methods were performed

Method	Description
1	SW846 8260B

Surrogate recovery	Test	Recovery%	Acceptable Limits
Bromofluorobenzene	5030/8260B TCL in Liquid	85%	(59%-129%)
Dibromofluoromethane	5030/8260B TCL in Liquid	91%	(66%-130%)
Toluene-d8	5030/8260B TCL in Liquid	83%	(64%-130%)

Notes:
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> Actual result is greater than amount reported
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This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Jake Crook at (843) 556-8171 Ext. 4422.

Reviewed by

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GENERAL ENGINEERING LABORATORIES

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QC Summary

Report Date: February 23, 2001

Client : **Delta Environmental**
6701 Carmel, Suite 303
Charlotte, NC 28226
Contact: **Rick Powell**

Workorder: **37408**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Conductivity Analysis												
Batch 64819												
QC1000160939 LCS												
Conductivity	1410				1440	umhos/cm		102	(80%-120%)	MOJ1	02/14/01	10:00
Electrode Analysis												
Batch 64201												
QC1000159110 37408001 DUP												
pH			5.16		5.16	SU	0		(0%-5%)	VH1	02/08/01	20:25
QC1000159109 LCS												
pH	7.00				6.98	SU		100	(95%-105%)		02/08/01	20:23
Ion Chromatography												
Batch 64173												
QC1000159018 37408001 DUP												
Bromide		U	ND	U	ND	mg/L	N/A	N/A	(+/-0.050)	KMR1	02/08/01	22:29
Chloride			6.21		6.19	mg/L	0		(0%-13%)			
Fluoride			0.052		0.050	mg/L	4 ^		(+/-0.050)			
Nitrate			0.670		0.677	mg/L	1		(0%-13%)			
Nitrite		U	ND	U	ND	mg/L	N/A	N/A	(+/-0.050)			
Sulfate			27.2		27.1	mg/L	0		(0%-15%)			
QC1000159017 LCS												
Bromide	10.0				9.47	mg/L		95	(90%-110%)		02/09/01	00:12
Chloride	10.0				9.67	mg/L		97	(90%-110%)			
Fluoride	10.0				10.2	mg/L		102	(90%-110%)			
Nitrate	5.00				4.96	mg/L		99	(90%-110%)			
Nitrite	10.0				10.5	mg/L		105	(90%-110%)			
Sulfate	20.0				19.4	mg/L		97	(90%-110%)			
QC1000159016 MB												
Bromide				U	ND	mg/L					02/09/01	00:26
Chloride				U	ND	mg/L						
Fluoride				U	ND	mg/L						
Nitrate				U	ND	mg/L						
Nitrite				U	ND	mg/L						
Sulfate				U	ND	mg/L						
QC1000159019 37408001 PS												
Bromide	10.0	U	ND		9.61	mg/L		96	(80%-120%)		02/08/01	22:43
Chloride	10.0		6.21		16.9	mg/L		107	(80%-120%)			
Fluoride	10.0		0.052		10.2	mg/L		101	(80%-120%)			
Nitrate	5.00		0.670		5.76	mg/L		102	(80%-120%)			
Nitrite	10.0	U	ND		10.2	mg/L		102	(80%-120%)			
Sulfate	20.0		27.2		49.5	mg/L		112	(80%-120%)			
Mercury Analysis												
Batch 64738												
QC1000159327 LCS												
Mercury	2.00				1.95	ug/L		97	(82%-124%)	AW2	02/13/01	11:47
QC1000159326 MB												

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Mercury Analysis										
Batch 64738										
Mercury			U	ND	ug/L					
Metals Analysis-ICP										
Batch 64631										
QC1000159280 LCS										
Calcium	5000			5620	ug/L		112	(88%-118%)	HSC	02/12/01 19:05
Magnesium	5000			5580	ug/L		112	(87%-115%)		
Potassium	5000			4940	ug/L		99	(85%-114%)		
Silica	10700			11000	ug/L		103	(80%-120%)		
Silicon	5000			5190	ug/L		104	(80%-120%)		
Sodium	5000			5250	ug/L		105	(89%-118%)		
QC1000159279 MB										
Calcium			U	ND	ug/L					02/12/01 18:58
Magnesium			J	13.8	ug/L					
Potassium			U	ND	ug/L					
Silica			U	ND	ug/L					
Silicon			U	ND	ug/L					
Sodium			U	ND	ug/L					
QC1000159282 37408003 MS										
Calcium	5000	2520		8340	ug/L		116	(83%-125%)		02/12/01 19:38
Magnesium	5000	1080		6820	ug/L		115	(61%-138%)		
Potassium	5000	665		5730	ug/L		101	(81%-118%)		
Silica	10700	36700		51200	ug/L		136*	(70%-130%)		
Silicon	5000	17300		24200	ug/L		137*	(70%-130%)		
Sodium	5000	9340		15300	ug/L		119	(75%-130%)		
QC1000159740 37408003 MSD										
Calcium	5000	2520		8130	ug/L	3	112	(0%-11%)		02/12/01 19:45
Magnesium	5000	1080		6700	ug/L	2	112	(0%-14%)		
Potassium	5000	665		5610	ug/L	2	99	(0%-9%)		
Silica	10700	36700		49700	ug/L	3	122	(0%-20%)		
Silicon	5000	17300		23400	ug/L	3	123	(0%-20%)		
Sodium	5000	9340		14600	ug/L	5	105	(0%-20%)		
QC1000159281 37408003 SDILT										
Calcium		2520		514	ug/L	1.89				02/12/01 19:31
Magnesium		1080		215	ug/L	.898				
Potassium		665		118	ug/L	11.6				
Silica		36700		7160	ug/L	2.31				
Silicon		17300		3380	ug/L	2.31				
Sodium		9340		1810	ug/L	3.1				
Metals Analysis-ICPMS										
Batch 64405										
QC1000159292 LCS										
Antimony	100			112	ug/L		112	(70%-126%)	LAR	02/20/01 03:18
Arsenic	100			101	ug/L		101	(78%-119%)		
Barium	100			106	ug/L		106	(91%-111%)		
Beryllium	100			120	ug/L		120	(75%-121%)		
Cadmium	100			108	ug/L		108	(87%-110%)		
Chromium	100			116	ug/L		116	(75%-120%)		
Cobalt	100			105	ug/L		105	(82%-114%)		

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QC Summary

Workorder: 37408

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Metals Analysis-ICPMS											
Batch 64405											
Copper	100				103	ug/L		103	(82%-128%)		
Iron	2000				2150	ug/L		107	(63%-158%)		02/19/01 19:18
Lead	100				105	ug/L		105	(80%-120%)		02/20/01 03:18
Manganese	100				106	ug/L		106	(80%-118%)		
Nickel	100				103	ug/L		103	(86%-118%)		
Selenium	100				95.0	ug/L		95	(66%-130%)		
Silver	100				109	ug/L		109	(47%-158%)		
Strontium	100				94.8	ug/L		95	(95%-110%)		
Thallium	100				104	ug/L		104	(29%-158%)		
Vanadium	100				115	ug/L		115	(79%-116%)		
Zinc	100				101	ug/L		101	(62%-151%)		02/19/01 19:18
QC1000159289 MB											
Antimony				J	0.585	ug/L					02/20/01 03:10
Arsenic				J	0.810	ug/L					
Barium				U	ND	ug/L					
Beryllium				U	ND	ug/L					
Cadmium				U	ND	ug/L					
Chromium				U	ND	ug/L					
Cobalt				U	ND	ug/L					
Copper				U	ND	ug/L					
Iron				J	91.8	ug/L					02/19/01 19:10
Lead				U	ND	ug/L					02/20/01 03:10
Manganese				U	ND	ug/L					
Nickel				U	ND	ug/L					
Selenium				U	ND	ug/L					
Silver				J	1.13	ug/L					
Strontium				U	ND	ug/L					
Thallium				U	ND	ug/L					
Vanadium				J	6.58	ug/L					
Zinc				U	ND	ug/L					02/19/01 19:10
QC1000159290 37408001 MS											
Antimony	100	U	ND		111	ug/L		111	(88%-115%)		02/20/01 03:42
Arsenic	100	J	3.50		106	ug/L		103	(85%-121%)		
Barium	100		118		220	ug/L		102	(88%-113%)		
Beryllium	100	J	0.830		115	ug/L		114	(83%-120%)		
Cadmium	100	U	ND		107	ug/L		107	(87%-115%)		
Chromium	100	U	ND		110	ug/L		107	(83%-121%)		
Cobalt	100		15.1		120	ug/L		105	(80%-123%)		
Copper	100	U	ND		103	ug/L		103	(81%-126%)		
Iron	2000		434		2580	ug/L		107	(63%-158%)		02/19/01 19:42
Lead	100	U	ND		104	ug/L		104	(85%-116%)		02/20/01 03:42
Manganese	100		699		789	ug/L		N/A	(80%-118%)		
Nickel	100		11.2		116	ug/L		105	(74%-128%)		
Selenium	100	U	ND		98.6	ug/L		99	(82%-118%)		
Silver	100	J	1.38		107	ug/L		106	(81%-126%)		
Strontium	100	J	41.6		145	ug/L		104	(95%-110%)		
Thallium	100	J	2.01		102	ug/L		100	(85%-117%)		
Vanadium	100	J	5.97		109	ug/L		103	(83%-125%)		

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QC Summary

Workorder: 37408

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Metals Analysis-ICPMS											
Batch 64405											
Zinc	100	J	22.9		131	ug/L		108	(74%-129%)		
QC1000159293 37408001 MSD											
Antimony	100	U	ND		114	ug/L	2	114	(0%-20%)		02/20/01 03:50
Arsenic	100	J	3.50		109	ug/L	3	106	(0%-14%)		
Barium	100		118		219	ug/L	0	101	(0%-14%)		
Beryllium	100	J	0.830		120	ug/L	4	120	(0%-10%)		
Cadmium	100	U	ND		107	ug/L	0	107	(0%-13%)		
Chromium	100	U	ND		110	ug/L	0	107	(0%-13%)		
Cobalt	100		15.1		124	ug/L	3	109	(0%-10%)		
Copper	100	U	ND		112	ug/L	8	112	(0%-9%)		
Iron	2000		434		2570	ug/L	0	107	(0%-20%)		02/19/01 19:50
Lead	100	U	ND		105	ug/L	1	105	(0%-11%)		02/20/01 03:50
Manganese	100		699		800	ug/L	1	N/A	(0%-20%)		
Nickel	100		11.2		116	ug/L	0	105	(0%-10%)		
Selenium	100	U	ND		100	ug/L	2	100	(0%-13%)		
Silver	100	J	1.38		109	ug/L	1	107	(0%-9%)		
Strontium	100	J	41.6		149	ug/L	2	107	(0%-20%)		
Thallium	100	J	2.01		104	ug/L	3	102	(0%-7%)		
Vanadium	100	J	5.97		110	ug/L	2	104	(0%-9%)		
Zinc	100	J	22.9		138	ug/L	5	115	(0%-12%)		02/19/01 19:50
QC1000159291 37408001 SDILT											
Antimony		U	ND	U	ND	ug/L	N/A	N/A			02/20/01 03:34
Arsenic		J	0.700	U	ND	ug/L	N/A				
Barium			23.6		4.86	ug/L	2.79				
Beryllium		J	0.166	J	0.046	ug/L	38.6				
Cadmium		U	ND	U	ND	ug/L	N/A	N/A			
Chromium		U	ND	U	ND	ug/L	N/A	N/A			
Cobalt			3.02	J	0.507	ug/L	16				
Copper		U	ND	U	ND	ug/L	N/A	N/A			
Iron			86.7		35.5	ug/L	105				02/19/01 19:34
Lead		U	ND	U	ND	ug/L	N/A	N/A			02/20/01 03:34
Manganese			140		28.6	ug/L	2.25				
Nickel			2.25	J	0.238	ug/L	47				
Selenium		U	ND	U	ND	ug/L	N/A	N/A			
Silver		J	0.275	J	0.219	ug/L	298				
Strontium		J	8.32	J	1.55	ug/L	6.73				
Thallium		J	0.402	U	ND	ug/L	N/A				
Vanadium		J	1.19	U	ND	ug/L	N/A				
Zinc		J	4.58	U	ND	ug/L	N/A				02/19/01 19:34
Micro-biology											
Batch 64096											
QC1000158786 LCS											
BOD, 5 DAY	198				202	mg/L		102	(85%-115%)	ES	02/08/01 08:28
QC1000158784 MB											
BOD, 5 DAY				U	ND	mg/L					
Rad Alpha Spec											
Batch 64156											
QC1000158979 LCS											

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Alpha Spec										
Batch 64156										
Uranium-233/234				4.41 +/-0.703	pCi/L			(75%-125%)	TOH2	02/17/01 16:15
Uranium-235/236				0.276 +/-0.122	pCi/L			(75%-125%)		
Uranium-238	4.51			4.65 +/-0.730	pCi/L		103	(75%-125%)		
QC1000158976 MB										
Uranium-233/234			U	0.148 +/-0.149	pCi/L					02/17/01 16:03
Uranium-235/236			U	0.0249 +/-0.0676	pCi/L					
Uranium-238			U	0.0655 +/-0.0929	pCi/L					
Rad Gas Flow										
Batch 64372										
QC1000159667 LCS										
Radium-228	36.1			31.6 +/-2.74	pCi/L		88	(75%-125%)	AS1	02/19/01 10:34
QC1000159664 MB										
Radium-228			U	0.877 +/-0.697	pCi/L					
Batch 64469										
QC1000159917 LCS										
Alpha	47.5			49.9 +/-5.31	pCi/L		105	(75%-125%)	NVN	02/14/01 12:36
Beta	176			175 +/-7.83	pCi/L		99	(75%-125%)		
QC1000159913 MB										
Alpha			U	0.583 +/-0.754	pCi/L					
Beta			U	0.885 +/-1.44	pCi/L					
Rad Liquid Scint										
Batch 64197										
QC1000159097 LCS										
Radon-222	62200			53800 +/-1060	pCi/L		87	(75%-125%)	CAF1	02/12/01 10:15
QC1000159093 MB										
Radon-222			U	-16 +/-22.0	pCi/L					02/10/01 04:45
Rad Radium-226										
Batch 64199										
QC1000159499 LCS										
Radium-226	23.3			20.0 +/-2.38	pCi/L		86	(75%-125%)	RDD	02/13/01 14:20
QC1000159495 MB										
Radium-226			U	0.199	pCi/L					02/13/01 13:50

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Radium-226										
Batch 64199										
				+/-0.225						
Rapid Flow Analysis (Alpkem)										
Batch 64774										
QC1000159403 LCS										
Cyanide, Total	100			105	ug/L		105	(75%-132%)	ADF	02/13/01 11:20
QC1000159402 MB										
Cyanide, Total			U	ND	ug/L					02/13/01 11:19
Semi-Volatiles-GC/MS										
Batch 64424										
QC1000159343 LCS										
1,2,4-Trichlorobenzene	50.0			36.3	ug/L		73	(47%-106%)	JWF	02/13/01 20:36
1,4-Dichlorobenzene	50.0			36.3	ug/L		73	(44%-98%)		
2,4,5-Trichlorophenol	100			86.6	ug/L		87	(55%-108%)		
2,4,6-Trichlorophenol	100			80.1	ug/L		80	(48%-106%)		
2,4-Dinitrotoluene	50.0			54.1	ug/L		108	(62%-115%)		
2-Chlorophenol	100			66.4	ug/L		66	(42%-92%)		
4-Chloro-3-methylphenol	100			79.8	ug/L		80	(52%-104%)		
4-Nitrophenol	100			19.1	ug/L		19	(10%-61%)		
Acenaphthene	50.0			46.1	ug/L		92	(52%-100%)		
Hexachlorobenzene	50.0			56.4	ug/L		113	(66%-114%)		
Hexachlorobutadiene	50.0			37.3	ug/L		75	(41%-107%)		
Hexachloroethane	50.0			37.3	ug/L		75	(41%-99%)		
N-Nitrosodipropylamine	50.0			46.7	ug/L		93	(45%-102%)		
Nitrobenzene	50.0			47.2	ug/L		94	(45%-100%)		
Pentachlorophenol	100			70.3	ug/L		70	(50%-110%)		
Phenol	100			27.2	ug/L		27	(18%-45%)		
Pyrene	50.0			52.0	ug/L		104	(56%-114%)		
m,p-Cresols	100			63.1	ug/L		63	(37%-85%)		
o-Cresol	100			67.3	ug/L		67	(33%-91%)		
**2,4,6-Tribromophenol	100			92.8	ug/L		93	(30%-116%)		
**2-Fluorobiphenyl	50.0			40.4	ug/L		81	(29%-106%)		
**2-Fluorophenol	100			42.4	ug/L		42	(23%-71%)		
**Nitrobenzene-d5	50.0			40.6	ug/L		81	(25%-105%)		
**Phenol-d5	100			27.9	ug/L		28	(10%-50%)		
**p-Terphenyl-d14	50.0			48.2	ug/L		97	(18%-125%)		
QC1000159342 MB										
1,2,4-Trichlorobenzene			U	ND	ug/L					02/13/01 20:05
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-GC/MS											
Batch 64424											
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Chloroisopropyl)ether			U	ND	ug/L						

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-GC/MS										
Batch 64424										
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			64.7	ug/L		65	(30%-116%)		
**2-Fluorobiphenyl	50.0			36.4	ug/L		73	(29%-106%)		
**2-Fluorophenol	100			39.8	ug/L		40	(23%-71%)		
**Nitrobenzene-d5	50.0			38.5	ug/L		77	(25%-105%)		
**Phenol-d5	100			25.4	ug/L		25	(10%-50%)		
**p-Terphenyl-d14	50.0			43.4	ug/L		87	(18%-125%)		
Batch 65255										
QC1000161581 LCS										
1,2,4-Trichlorobenzene	50.0			38.4	ug/L		77	(47%-106%)	JWF	02/16/01 15:47
1,4-Dichlorobenzene	50.0			37.9	ug/L		76	(44%-98%)		
2,4,5-Trichlorophenol	100			85.2	ug/L		85	(55%-108%)		
2,4,6-Trichlorophenol	100			77.6	ug/L		78	(48%-106%)		
2,4-Dinitrotoluene	50.0			48.4	ug/L		97	(62%-115%)		
2-Chlorophenol	100			62.4	ug/L		62	(42%-92%)		
4-Chloro-3-methylphenol	100			80.5	ug/L		81	(52%-104%)		
4-Nitrophenol	100			16.2	ug/L		16	(10%-61%)		
Acenaphthene	50.0			43.2	ug/L		86	(52%-100%)		
Hexachlorobenzene	50.0			57.0	ug/L		114	(66%-114%)		
Hexachlorobutadiene	50.0			40.9	ug/L		82	(41%-107%)		
Hexachloroethane	50.0			39.0	ug/L		78	(41%-99%)		
N-Nitrosodipropylamine	50.0			47.1	ug/L		94	(45%-102%)		
Nitrobenzene	50.0			37.5	ug/L		75	(45%-100%)		
Pentachlorophenol	100			63.9	ug/L		64	(50%-110%)		
Phenol	100			25.8	ug/L		26	(18%-45%)		
Pyrene	50.0			43.8	ug/L		88	(56%-114%)		
Pyridine	50.0			19.0	ug/L		38			
m,p-Cresols	100			58.8	ug/L		59	(37%-85%)		
o-Cresol	100			63.2	ug/L		63	(33%-91%)		
**2,4,6-Tribromophenol	100			92.9	ug/L		93	(30%-116%)		
**2-Fluorobiphenyl	50.0			40.0	ug/L		80	(29%-106%)		
**2-Fluorophenol	100			41.2	ug/L		41	(23%-71%)		
**Nitrobenzene-d5	50.0			37.9	ug/L		76	(25%-105%)		
**Phenol-d5	100			26.9	ug/L		27	(10%-50%)		
**p-Terphenyl-d14	50.0			45.5	ug/L		91	(18%-125%)		
QC1000161580 MB										
1,2,4-Trichlorobenzene			U	ND	ug/L					02/16/01 15:16
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-GC/MS											
Batch 65255											
2,4-Dimethylphenol			U	ND	ug/L						
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						

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QC Summary

Workorder: 37408

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-GC/MS												
Batch 65255												
bis(2-Chloroethoxy)methane				U	ND	ug/L						
bis(2-Chloroethyl) ether				U	ND	ug/L						
bis(2-Chloroisopropyl)ether				U	ND	ug/L						
bis(2-Ethylhexyl)phthalate				U	ND	ug/L						
m,p-Cresols				U	ND	ug/L						
m-Nitroaniline				U	ND	ug/L						
o-Cresol				U	ND	ug/L						
o-Nitroaniline				U	ND	ug/L						
p-Nitroaniline				U	ND	ug/L						
**2,4,6-Tribromophenol	100				78.1	ug/L		78	(30%-116%)			
**2-Fluorobiphenyl	50.0				38.1	ug/L		76	(29%-106%)			
**2-Fluorophenol	100				41.7	ug/L		42	(23%-71%)			
**Nitrobenzene-d5	50.0				38.4	ug/L		77	(25%-105%)			
**Phenol-d5	100				26.1	ug/L		26	(10%-50%)			
**p-Terphenyl-d14	50.0				49.1	ug/L		98	(18%-125%)			
Solids Analysis												
Batch 64234												
QC1000159220 37408001 DUP												
Total Dissolved Solids			131		126	mg/L	4		(0%-18%)	TSM	02/09/01	11:26
QC1000159219 LCS												
Total Dissolved Solids	300				294	mg/L		98	(84%-115%)			
QC1000159218 MB												
Total Dissolved Solids				U	ND	mg/L						
Batch 64238												
QC1000159247 37408006 DUP												
Total Suspended Solids		U	ND	U	ND	mg/L	N/A	N/A	(+/-5.56)	TSM	02/09/01	10:54
QC1000159234 LCS												
Total Suspended Solids	500				500	mg/L		100	(95%-105%)			
QC1000159246 LCSD												
Total Suspended Solids	500				496	mg/L	1	99	(0%-20%)			
QC1000159233 MB												
Total Suspended Solids				U	ND	mg/L						
Spectrometric Analysis												
Batch 64176												
QC1000159036 37408001 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A	N/A	(+/-0.010)	TCC1	02/08/01	13:30
QC1000159029 LCS												
Hexavalent Chromium	0.100				0.098	mg/L		98	(84%-116%)			
QC1000159028 MB												
Hexavalent Chromium				U	ND	mg/L						
QC1000159030 37408001 MS												
Hexavalent Chromium	0.100	U	ND		0.085	mg/L		85	(85%-115%)			
Batch 64442												
QC1000159824 LCS												
COD	75.0				69.6	mg/L		93	(83%-111%)	MOJ1	02/12/01	08:20
QC1000159823 MB												
COD				J	2.53	mg/L						
TOC Analysis												

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QC Summary

Workorder: 37408

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
TOC Analysis											
Batch 65225											
QC1000161936 37408001 DUP											
Total Organic Carbon			1.91		1.60	mg/L	18		(0%-25%)	MS1	02/15/01 17:13
QC1000161932 LCS											
Total Organic Carbon	10.0				10.2	mg/L		102	(85%-115%)		02/15/01 21:06
QC1000161931 MB											
Total Organic Carbon				U	ND	mg/L					02/15/01 20:51
QC1000161933 37408001 PS											
Total Organic Carbon	10.0		1.91		11.7	mg/L		98	(77%-127%)		02/15/01 17:29
Batch 65619											
QC1000163064 37408007 DUP											
Diss. Org. Carbon			13.1		12.8	mg/L	2		(0%-25%)	MS1	02/19/01 19:35
QC1000163059 LCS											
Diss. Org. Carbon	10.0				10.4	mg/L		104	(85%-115%)		02/19/01 22:46
QC1000163058 MB											
Diss. Org. Carbon				U	ND	mg/L					02/19/01 22:38
QC1000163063 37408007 PS											
Diss. Org. Carbon	10.0		13.1		20.7	mg/L		77	(77%-127%)		02/19/01 19:51
TRAACS Nutrient Analysis											
Batch 64345											
QC1000159373 37408001 DUP											
Nitrogen, Ammonia		U	ND	U	ND	mg/L	N/A	N/A	(+/-0.050)	THL	02/09/01 13:56
QC1000159372 LCS											
Nitrogen, Ammonia	1.00				1.13	mg/L		113	(63%-121%)		
QC1000159371 MB											
Nitrogen, Ammonia				U	ND	mg/L					
QC1000159374 37408001 MS											
Nitrogen, Ammonia	1.00	U	ND		0.940	mg/L		94	(65%-121%)		
Batch 64516											
QC1000159047 LCS											
Phosphorus, Total as PO4	1.00				0.770	mg/L		77	(66%-125%)	THL	02/12/01 15:25
QC1000159046 MB											
Phosphorus, Total as PO4				U	ND	mg/L					
Titration Analysis											
Batch 65545											
QC1000162860 37408006 DUP											
Alkalinity, Total as CaCO3			5.97		5.97	mg/L	0 ^		(+/-2.00)	MOJ1	02/19/01 08:17
Bicarbonate alkalinity (CaCO3)			5.97		5.97	mg/L	0 ^		(+/-2.00)		
Carbonate alkalinity (CaCO3)		U	ND		0.0005	mg/L	N/A		(+/-2.00)		
Hydroxide alkalinity as CaCO3		U	ND		0.000446	mg/L	N/A		(+/-2.00)		
QC1000162857 LCS											
Alkalinity, Total as CaCO3	1000				945	mg/L		95	(80%-120%)		
QC1000162861 37408006 MS											
Alkalinity, Total as CaCO3	100		5.97		99.5	mg/L		94	(80%-120%)		
Volatile Organics											
Batch 65159											
QC1000161753 LCS											
1,1-Dichloroethylene	50.0				47.9	ug/L		96	(74%-139%)	JEB	02/15/01 09:33
Benzene	50.0				45.6	ug/L		91	(79%-119%)		

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile Organics										
Batch 65159										
Chlorobenzene	50.0			45.0	ug/L		90	(79%-120%)		
Toluene	50.0			43.1	ug/L		86	(74%-115%)		
Trichloroethylene	50.0			46.6	ug/L		93	(81%-132%)		
**Bromofluorobenzene	100			83.7	ug/L		84	(59%-129%)		
**Dibromofluoromethane	100			90.2	ug/L		90	(66%-130%)		
**Toluene-d8	100			84.5	ug/L		85	(64%-130%)		
QC1000161752 MB										
1,1,1-Trichloroethane			U	ND	ug/L					02/15/01 10:30
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloroethylene (total)			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			J	1.14	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			J	1.64	ug/L					
Benzene			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Vinyl acetate			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
Xylenes (total)			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**Bromofluorobenzene	50.0			40.1	ug/L		80	(59%-129%)		
**Dibromofluoromethane	50.0			43.0	ug/L		86	(66%-130%)		
**Toluene-d8	50.0			41.5	ug/L		83	(64%-130%)		
Wet Chemistry General										
Batch 64198										

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QC Summary

Workorder: 37408

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Wet Chemistry General											
Batch 64198											
QC1000159100 37408001 DUP											
Color	U	ND	U	ND	PCU	N/A	N/A	(+/-5.00)	VH1	02/08/01	15:45
QC1000159099 LCS											
Color	35.0			35.0	PCU		100	(80%-120%)			
QC1000159098 MB											
Color			U	ND	PCU						
Batch 64200											
QC1000159108 37408001 DUP											
Turbidity		1.08		0.910	NTU	17 ^		(+/-0.200)	TCC1	02/08/01	16:30
QC1000159107 LCS											
Turbidity	10.0			9.43	NTU		94	(83%-112%)			
QC1000159106 MB											
Turbidity			J	0.160	NTU						

Notes:
The Qualifiers in this report are defined as follows:

- ** Indicates the analyte is a surrogate compound.
- < Actual result is less than amount reported
- > Actual result is greater than amount reported
- J Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.
- U Indicates the compound was analyzed for but not detected above the detection limit

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

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37408%

CHAIN OF CUSTODY RECORD

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Page 1 of 6

Client Name/Facility Name: Delta Environmental / Plymouth NC

Collected by/Company: ES/KC Delta/Enviro-Tech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

2000087021

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS		Remarks
001	LF-09	2/7/01	9:00					19	.1	Analyze groups
002	LF-09 Filtered	2/7/01	9:00					2	.2	1b, 2a, 2b, 3, 4 in
										accordance with
										contract.
										Enclosed is a
										list of parameters
										to be analyzed.

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	1700					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike Bainlow	2-8-01	0845	

White = sample collector Yellow = file Pink = with report

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CHAIN OF CUSTODY RECORD

Page_____ of _____

Client Name/Facility Name: Delta Environmental / Plymouth, NC

Collected by/Company: LS/KC Delta / Enviro-Tech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS		Remarks
002	LF-11	2/7/01	10:30	X				19	.1	Analyze groups
008	LF-11 Filtered	2/7/01	10:30	X				2	.2	1b, 2a, 2b, 3, 4
										in accordance
										with contract
										Enclosed is a
										list of parameters
										to be analyzed

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	1700					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike Kimlow	2-8-01	0845	

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Client Name/Facility Name: Delta Environmental / Plymouth, NC

Collected by/Company: ES/K.C. Delta E / Tech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS		Remarks
003	LF-17	2/7/01	11:45	X				4	.1	Analyze groups
009	Filtered LF-17	2/7/01	11:45	X				2	.2	1, 2a, 2b, 3, 4 in accordance with contract
										Enclosed is a list of parameters to be analyze

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	1700					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike Kimlow	2-8-01	0845	

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Client Name/Facility Name: Delta Environmental Plymouth, NC

Collected by/Company: ES/KC Delta/Envirotech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS	pH, conductivity	TOC/DOC	TOX	Chloride, Fluoride, Sulfide	Nitrite/Nitrate	VOC - Specify Method required	METALS - specify	Pesticide	Herbicide	Total Phenol	Acid Extractables	B/N Extractables	PCB's	Cyanide	Coliform - specify type			Remarks
004	LF-01	2/7/01	15:00	X				19																	.1	Analyze groups
010	Filtered LF-01	2/7/01	15:00	X				2																	.2	1b, 2a, 2b, 3, 4
																										in accordance
																										with contract
																										Enclosed is
																										a list of
																										parameters to
																										be Analyzed.

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	1760					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike Kimlow	2-8-01	0345	

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CHAIN OF CUSTODY RECORD

Page_____ of _____

Client Name/Facility Name: Delta Phyno. Hy NC

Collected by/Company: ES/GEC Delta/Enviro-Tech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS		Remarks
005	LF-01A/02	2/7/01	1600	X				19	.1	Analyze groups
011	LF-01A/02 Filter	2/7/01	1600	X				2	.2	1b 2a 2b 3 4
										in accordance
										with attached
										Enclosed is a
										list of parameters
										to be analyzed

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	1700					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike Kinlaw	2-8-01	0845	

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CHAIN OF CUSTODY RECORD

Client Name/Facility Name: Delta Tex Plymouth NC

Collected by/Company: KC / E.S. Delta / Envirotech

SAMPLE ANALYSIS REQUIRED (x) - use remarks area to specify specific compounds or methods

Use F or P in the boxes to indicate whether sample was filtered and/or preserved

	SAMPLE ID	DATE	TIME	WELL	SOIL	COMP	GRAB	# OF CONTAINERS	pH, conductivity	TOC/DOC	TOX	Chloride, Fluoride, Sulfide	Nitrite/Nitrate	VOC - Specify Method required	METALS - specify	Pesticide	Herbicide	Total Phenol	Acid Extractables	B/N Extractables	PCB's	Cyanide	Coliform - specify type			Remarks
006	LF-01A	15:30	2/7/01	X				19																	.1	Analyze Groups
013	LF-01A/03	15:40	2/7/01	X				2						2											.3	1b, 2a, 2b, 3, 4
014	LF-01A/04	15:40	2/7/01	X				2						2											.3	in Accordance
012	Filtered LF-01A	15:30	2/7/01					2																	.2	with contract

Endocrine is a list of parameters to be analyzed

Relinquished by:	Date:	Time:	Received by:	Relinquished by:	Date:	Time:	Received by:
[signature]	2/7/01	700					

Relinquished by:	Date:	Time:	Received by lab by:	Date:	Time:	Remarks:
			Mike [signature]	2-8-01	0845	

White = sample collector Yellow = file Pink = with report