MAG910225

ACME
STAPLE COMPANY, INC.
ESTABLISHED IN 1894

(800) 258-3778 (603) 934-2320 FAX (603) 934-6199
email: bobh@acmestaple.com

April 18, 2006

Groundwater Permits Coordinator
Ref Site #198705001
Waste Management Division
N.H. Department of Environmental Services
PO Box 95
Concord, NH 03302-0095

Re: NPDES Sampling
Groundwater Extraction and Treatment System
Acme Staple Company
Franklin, NH 03235

Enclosed for your information is the analytical data from the influent and effluent sampling of the groundwater extraction and treatment system at the above referenced site. This data is being forwarded to you in accordance with conditions indicated in a letter from Mr. David Tordoff, On-Scene Coordinator, Emergency Planning and Response Branch, U.S. Environmental Protection Agency, dated July 20, 1989. The analytical sampling that was taken by Acme Staple Company on March 30, 2006 did not detect the presence of volatile organic compounds in the groundwater treatment system influent, or effluent.

Please call if you have any questions or comments regarding this information.

Sincerely,

Onno Boswinkel
General Manager

:npdes/sampling/hewitt letter
cc: Mr. Michael J O'Brien, U.S. EPA
Mr. Paul Rydel, Sanborn, Head and Associates
Mr. Gregory T. Doyon, Franklin City Manager
Mr. Brian Sullivan, Director of Services, City of Franklin

Paul Johnson
Acme Staple Company, Inc.
87 Hill Road
West Franklin , NH 03235

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 53794
Client Identification: None
Date Received: 3/31/2006

Dear Mr. Johnson :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

This report package contains the following information: Sample Conditions summary, Analytical Results/Data and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

4-14-06
Date

7
# of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#: 53794

Client: **Acme Staple Company, Inc.** Client Designation: **None**

Temperature upon receipt (°C): 2.1 **Received on ice or cold packs (Yes/No): Y**

Lab ID	SampleID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
53794.01	Influent	3/31/06	3/30/06	aqueous		Adheres to Sample Acceptance Policy
53794.02	Influent	3/31/06	3/31/06	aqueous		Adheres to Sample Acceptance Policy
53794.03	Effluent	3/31/06	3/30/06	aqueous		Adheres to Sample Acceptance Policy
53794.04	Effluent	3/31/06	3/31/06	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

1) EPA 600/4-79-020, 1983
2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
4) Hach Water Analysis Handbook, 2nd edition, 1992

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 53794

Client: **Acme Staple Company, Inc.** Client Designation: **None**

Sample ID:	Influent	Effluent
Lab Sample ID:	53794.01	53794.03
Matrix:	aqueous	aqueous
Date Sampled:	3/30/06	3/30/06
Date Received:	3/31/06	3/31/06
Units:	ug/l	ug/l
Date of Analysis:	4/3/06	4/3/06
Analyst:	VG	VG
Method:	8260B	8260B
Dilution Factor:	1	1
Dichlorodifluoromethane	< 5	< 5
Chloromethane	< 5	< 5
Vinyl chloride	< 2	< 2
Bromomethane	< 2	< 2
Chloroethane	< 5	< 5
Trichlorofluoromethane	< 5	< 5
Diethyl Ether	< 5	< 5
Acetone	< 10	< 10
1,1-Dichloroethene	< 1	< 1
tert-Butyl Alcohol (TBA)	< 30	< 30
Methylene chloride	< 5	< 5
Carbon disulfide	< 5	< 5
Methyl-t-butyl ether(MTBE)	< 5	< 5
Ethyl-t-butyl ether(ETBE)	< 5	< 5
Isopropyl ether(DIPE)	< 5	< 5
tert-amyl methyl ether(TAME)	< 5	< 5
trans-1,2-Dichloroethene	< 2	< 2
1,1-Dichloroethane	< 2	< 2
2,2-Dichloropropane	< 2	< 2
cis-1,2-Dichloroethene	< 2	< 2
2-Butanone(MEK)	< 10	< 10
Bromochloromethane	< 2	< 2
Tetrahydrofuran(THF)	< 10	< 10
Chloroform	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2
Carbon tetrachloride	< 2	< 2
1,1-Dichloropropene	< 2	< 2
Benzene	< 1	< 1
1,2-Dichloroethane	< 2	< 2
Trichloroethene	< 2	< 2
1,2-Dichloropropane	< 2	< 2
Dibromomethane	< 2	< 2
Bromodichloromethane	< 2	< 2
4-Methyl-2-pentanone(MIBK)	< 10	< 10
cis-1,3-Dichloropropene	< 2	< 2
Toluene	< 1	< 1
trans-1,3-Dichloropropene	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2
2-Hexanone	< 10	< 10
Tetrachloroethene	< 2	< 2
1,3-Dichloropropane	< 2	< 2
Dibromochloromethane	< 2	< 2
1,2-Dibromoethane	< 2	< 2
Chlorobenzene	< 2	< 2
1,1,1,2-Tetrachloroethane	< 2	< 2
Ethylbenzene	< 1	< 1

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 53794

Client: **Acme Staple Company, Inc.** Client Designation: **None**

Sample ID:	Influent	Effluent
Lab Sample ID:	53794.01	53794.03
Matrix:	aqueous	aqueous
Date Sampled:	3/30/06	3/30/06
Date Received:	3/31/06	3/31/06
Units:	ug/l	ug/l
Date of Analysis:	4/3/06	4/3/06
Analyst:	VG	VG
Method:	8260B	8260B
Dilution Factor:	1	1
mp-Xylene	< 1	< 1
o-Xylene	< 1	< 1
Styrene	< 1	< 1
Bromoform	< 2	< 2
IsoPropylbenzene	< 1	< 1
Bromobenzene	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2
n-Propylbenzene	< 1	< 1
2-Chlorotoluene	< 2	< 2
4-Chlorotoluene	< 2	< 2
1,3,5-Trimethylbenzene	< 1	< 1
tert-Butylbenzene	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1
sec-Butylbenzene	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1
p-Isopropyltoluene	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1
n-Butylbenzene	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2
1,2,4-Trichlorobenzene	< 1	< 1
Hexachlorobutadiene	< 1	< 1
Naphthalene	< 5	< 5
1,2,3-Trichlorobenzene	< 1	< 1

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 53794

Client: **Acme Staple Company, Inc.** Client Designation: **None**

Sample ID:	Influent	Effluent		Analysis			
			Units	Date	Time	Method	Analyst
Lab Sample ID:	53794.02	53794.04					
Matrix:	aqueous	aqueous					
Date Sampled:	3/31/06	3/31/06					
Date Received:	3/31/06	3/31/06					
Solids Suspended	< 5	< 5	mg/L	4/04/06	12:45	160.2	SEL

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 53794

Client: Acme Staple Company, Inc. Client Designation: None

Sample ID:	Influent	Effluent	Units	Date of Analysis	Method	Analyst
Lab Sample ID:	53794.02	53794.04				
Matrix:	aqueous	aqueous				
Date Sampled:	3/31/06	3/31/06				
Date Received:	3/31/06	3/31/06				
Copper	< 0.01	< 0.01	mg/L	4/6/06	200.7	DS
Iron	**0.08**	**0.07**	mg/L	4/6/06	200.7	DS
Nickel	< 0.01	< 0.01	mg/L	4/6/06	200.7	DS

Page 1 of 1

CHAIN-OF-CUSTODY RECORD

REQUESTED ANALYSIS

53794

ITEM # (For Lab Use Only)	SAMPLE I.D.	SAMPLING DATE/TIME	MATRIX (A–Air S–Soil GW–Ground Water SW–Surface Water DW–Drinking Water WW–Waste Water ☐ Other)	VOC: ☐HNU524.2 ☐524.2 ☐524.2 BTEX ☐524.2 MTBE ONLY ☐624/8260B ☐624/8260B FULL LIST ☐8021B ☐VTH/GRO ☐8021B AROMATICS ☐8021B HALOS ☐624 ☐601/602 ☐601 ☐602 ☐METHANE ☐MEOH/ETHANE/ETHENE ☐MEGRO ☐NHGRO ☐MAPPH	SVOC: ☐8270C ☐625 ☐SYSTICS ☐ABN ☐A ☐BN ☐PAH ☐TPH Level 1 ☐TPH Fingerprint ☐MEDRO ☐NHDRO ☐MAEPH ☐8081A/8082 ☐608 ☐PEST ☐PCB ☐Oil & Grease 1664 ☐TPH 1664	TCLP: ☐TCLP 1311 ☐ABN ☐VOC ☐Pest ☐Sub-Hexn	METALS: ☐Dissolved Metals (List Below) ☐Total Metals (List Below)	INORGANICS: ☐TS 2540G ☐TDS ☐TVS ☐TSS ☐BOD ☐COD ☐Total Cyanide ☐Reactive Cyanide ☐Reactive Sulfide ☐Flashpoint ☐Ignitability ☐T. Coliform ☐E. Coli ☐T. Coliform ☐E. Coliform ☐T. Strep ☐Enterococci ☐Oil & Grease ☐TPH	OTHER	# OF CONTAINERS	NOTES MeOH Vial #
	Influent	3/30/06 2:55	GW		X						1	
	Influent	3/30/06	GW		X						1	
	Effluent	3/30/06	GW		X						1	
	Effluent	3/30/06	GW		X						1	
	Preservative: H-HCl; N-HNO_3; S-H_2SO_4; Na-NaOH; M-MEOH				H							

PROJECT MANAGER Paul Johnson
COMPANY ACME Staple Co.
ADDRESS 67 Hill Rd
CITY Franklin STATE NH. ZIP 03235
PHONE 934-2320 EXT
FAX
E-MAIL
SITE NAME
PROJECT #
STATE: ☒NH ☐MA* ☐ME ☐VT ☐OTHER
☐SITE INVESTIGATION ☐SITE REMEDIATION
☐WASTE CHARACTERIZATION/PROFILE ☒SITE HISTORICALLY CONTAMINATED

☐8 RCRA METALS ☐Fe, Mn ☐13 PP METALS
OTHER METALS
DISSOLVED METALS FIELD FILTERED? ☐YES ☒NO
NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO. IF DIFFERENT)

T.S.S.
copper
Nickel
Iron _see permit-

* See pg 2 / TSS, Metals rcv'd 3-31-06

RESULTS NEEDED BY (ENTER PREFERRED DATE) Normal
(GUARANTEED RAPID TURNAROUND NEEDS PRE-APPROVAL)
QA/QC REPORTING LEVEL ☐A ☐B ☐C ☐MA DATA ENHANCEMENT PACKAGE*
REPORTING OPTIONS ☐HARD COPY ☐FAX ELECTRONIC ☐E-MAIL ☐DISK

FOR LAB USE ONLY
ADHERED TO EPA PROTOCOL ☐YES ☐NO (SEE ATTACHED)
TEMP. 2.1 °C
ICE? ☒YES ☐NO
CUSTODY SEAL INTACT? ☐YES ☐NO

QUOTE #
P.O. #
SAMPLER(S) Paul Johnson

RELINQUISHED BY	DATE	TIME	RECEIVED BY
Douglas Reed	3/31/06	0858	Norman Cain
Norman Cain	3/31/06	0941	Chris Johnson

eastern analytical, inc.
professional laboratory services
25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-MAIL: CUSTOMER_SERVICE@EAILABS.COM | WWW.EAILABS.COM

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For lab use only: 53794

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

REQUESTED ANALYSES

SAMPLE I.D.	SAMPLING DATE / TIME	MATRIX (A - Air, S - Soil, GW - Ground W., SW - Surface W., DW - Drinking W., WW - Waste W., ☐ Other)	☐ NH524.2 ☐ 524.2 ☐ 524.2 BTEX ☐ 524.2 MTBE only	☐ NH 8260B Full List ☐ 8260B ☐ VTICs	☐ NH Pet. Short List ☐ 8021B Aromatics	☐ NH Haz. W. Short List ☐ 8021B Halos	☐ 624 ☐ 601/602 ☐ 601 ☐ 602	☐ Methane ☐ Meth/Ethane/Ethene	☐ MEGRO ☐ NHGRO	☐ MAVPH Full	☐ 625 ☐ ABN ☐ A Only ☐ BN Only	☐ 8270C ☐ ABN ☐ PAH ☐ A ☐ BN	☐ SVTICs	☐ MA EPH Full	☐ TPH Level 1 ☐ TPH Fingerprint	☐ MEDRO ☐ NHDRO	☐ 606 Pesticides ☐ 8081A Pesticides	☐ 608 PCB ☐ 8082 PCB	☐ Oil & Grease 1664 ☐ TPH 1664	☐ TCLP 1311 ☐ ABN ☐ Metals ☐ VOC ☐ Pest ☐ Sub-Herb	Dissolved Metals	Total Metals	☐ TS ☐ TSS ☐ TDS ☐ TVS ☐ SS	☐ Br ☐ Cl ☐ F ☐ NO_2 ☐ NO_3 ☐ SO_4	☐ pH ☐ Spec. Con. ☐ Turbidity	☐ BOD ☐ CBOD	☐ T. Alk. ☐ Bicarb. Alk. ☐ Carb. Alk.	☐ TKN ☐ NH_3 ☐ T. Phos.	☐ Ortho Phos. ☐ T. Res. Chlorine	☐ COD ☐ Phenols ☐ TOC	☐ Total Cyanide ☐ Total Sulfide	☐ Reactive Cyanide ☐ Reactive Sulfide	☐ Flashpoint ☐ Ignitability	☐ T. Coliform ☐ E. Coliform ☐ F. Coliform	☐ F. Strep ☐ Enteroccus
Influent	3-31/1023	GW																					X											
Effluent	3-31/1025	GW																					X											
Influent	3-31/1028	GW																			X	X												
Effluent	3-31/1031	GW																			X	X												
Temp Blank																																		
PRESERVATIVE: H-HCl; N-HNO_3; S-H_2SO_4; Na-NaOH; M-MEOH																																		

PROJECT MANAGER: Paul Johnson
COMPANY: ACME STAPLE
ADDRESS: 87 Hill Rd
CITY: Franklin STATE NH ZIP 03235
PHONE: ( ) 934-2320 EXT: ____
FAX: ____
E-MAIL: ____
SITE NAME: ____
PROJECT # ____
STATE: ☒ NH ☐ MA ☐ ME ☐ VT ☐ OTHER ____

☐ Site Investigation ☐ Site Remediation
☐ Waste Characterization/Profile
☒ Site Historically Contaminated

☐ 8 RCRA Metals ☐ Fe, Mn ☐ 13 PP Metals
Other Metals ____

Dissolved Metals Field Filtered? ☐ Yes ☒ No

NOTES: (i.e., **Special Detection Limits**, Billing Info. if different)

Metals
CU. NI. FE.

RESULTS NEEDED BY (enter preferred date): Normal
(Guaranteed rapid turnaround needs pre-approval)

QA / QC Reporting Level ☐ A ☐ B ☐ C

Reporting Options: ☐ Hard Copy ☐ Fax
Electronic: ☐ E-Mail ☐ Disk

Quote # ____
P.O. # ____
Sampler(s): ____

Relinquished by	Date	Time	Received by
[signature]	3/31/04	1348	Norman Cain
Norman Cain	3/31/04	1336	[signature]
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by

FOR LAB USE ONLY
Adhered to EPA Protocol ☐ Yes ☐ No (see attached)
Temp. ____ °C
Ice: ☑ Yes ☐ No
Custody Seal Intact? ☐ Yes ☐ No

(WHITE: *Original* YELLOW: *Lab Files* PINK: *Project manager*)