Fac/Perm/Co ID #	Date	Doc ID#
44-06	8,30,12	17131

evergreen packaging

Canton Office
175 Main Street • Canton, NC 28716

PSD 71-12
CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7008 3230 0002 2595 1720

August 28, 2012

Allen Gaither
North Carolina DENR
Division of Waste Management
2090 US Highway 70
Swannanoa, NC 28778

RECEIVED
AUG 29 2012
SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

Re: **Landfill No. 6, One-time Waste Disposal**
West GB Feed Tank Cleaning Project – Biosolids and Soap
Permit No 44-06

Dear Allen-

As discussed, we have another tank solids cleaning project to complete in September 2012 that involves the same biosolids and soap material as approved by you for disposal on June 25, 2012. The permit amendment submitted July 31, 2012 includes these non-hazardous materials as routine process waste. However, that amendment included other changes that require technical review. We are submitting a second request for one time-disposal to support the West GB Feed Tank Project scheduled to start week of September 10, 2012.

Enclosed is a copy of the previous approval and analytical information. Also enclosed is a second set of analytical data for biosolids and soap removed from the West GB Skim Tank under the June 25, 2012 approval that confirm the tank solids planned for disposal from the West GB Feed Tank in September are non-hazardous waste.

Please advise if you need additional information.

Very truly yours,

BLUE RIDGE PAPER PRODUCTS INC.
DOING BUSINESS AS EVERGREEN PACKAGING

Paul Dickens
Manager, Environmental Affairs
Canton Mill – Waynesville Facility
828-646-6141
paul.dickens@everpack.com

MP for Jim Giauque
Jim Giauque
Waste Coordinator and Landfill Supervisor
Canton Mill – Waynesville Facility
828-646-2028
jim.giauque@everpack.com

Enclosures: Copy of June 25, 2012 Waste Approval and Supporting Documentation
Copy of Analytical Report for Solids in West GB Skim Tank sampled July 9, 2012

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews	Beverly Eaves Perdue	Dee Freeman
Director	Governor	Secretary

June 25, 2012

Mr. Jim Giauque
Blue Ridge Paper Products Inc.
PO Box 4000
Canton, North Carolina 28716

Subject: Authorization – One-time Biosolids Disposal
Blue Ridge Paper Landfill No. 6
Haywood County, Permit #44-06, Document ID No. 16801

Mr. Giauque:

The Division of Waste Management, Solid Waste Section (Section) has completed the review of the document titled *Landfill No. 6, One-time waste biosolids disposal, Permit Number 44-06* (DIN 16799). The document was received in the Asheville Regional Office on June 22, 2012.

The analytical results provided with the request indicate the biosolids, or "soap" solids, are non-hazardous and non-liquid. Based on this information, this letter serves as an authorization for the one-time disposal, in the Area-D, South disposal unit, of the biosolids from one process tank. Disposal of the biosolids must be managed in accordance with the currently approved Operations Plan. There are no permit conditions associated with this activity so no permit modification will be required and no permit fee assessed.

Additionally, I would recommend modifying your Operations Plan to allow for this waste material if the disposal of biosolids may be required again in the future. This would require a modification to the Permit, but could be done in conjunction with any other required permitting activity.

If you should have any questions regarding this matter please contact me at (828) 296-4703, or by email at allen.gaither@ncdenr.gov .

Sincerely,

Allen Gaither
Environmental Engineer

Cc: Mr. Paul Dickens – Evergreen Packaging
Ms. Andrea Keller – SWS/ARO

evergreen packaging

Canton Office
175 Main Street • Canton, NC 28716

JAG 41-12
Certified Mail
Return Receipt Requested
7008 3230 0002 2591 1632

June 20, 2012

Mr. Allen Gaither
North Caolina DENR
Division of Waste Management
2090 US Highway 70
Swannanoa, NC 28778

RE: Landfill Number 6, One-time waste biosolids disposal, Permit Number 44-06

Dear Mr. Gaither:

Per our phone conversation this date, attached is information associated with a biosolids waste material generated in the Blue Ridge Paper Products Inc. Canton mill recovery process. The material, known as "soap" in the industry, generally stays in the Kraft recovery process cycle, however, the associated tanks occasionally need to be cleaned of solids that accumulate in the tank bottoms.

The tank in question was drained of liquids leaving the soap solids that were sampled and tested via TCLP for waste characterization compliance. The results (attached) indicate that no toxicity characteristics were exceeded, and the contents passed the paint filter test.

Blue Ridge Paper Products Inc. requests that this material be granted a one-time special acceptance for waste disposal at the BRPP Landfill Number 6, Permit Number 44-06. Please let us know if we can provide further information at this time.

Sincerely,

James A. Giauque
Waste Compliance & Landfill Supervisor
Blue Ridge Paper Products Inc.
Jim.giauque@everpack.com
828-646-2028 Fax 828-646-6892

Paul Dickens
Manager, Environmental Affairs
Blue Ridge Paper Products Inc.
paul.dickens@everpack.com
828-646-6141 Fax 828-646-6892

File:soap tank one time disposal
Enclosures
Copy: Andrea Keller – NC DENR DWM

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www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 18, 2012

Mr. Jim Giauque
Evergreen Packaging
PO Box 4000
Canton, NC 28716

RE: Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

Dear Mr. Giauque:
Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92121514001	**Soap Biosolids**	EPA 9095	LMD	1	PASI-A

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

Sample: Soap Biosolids **Lab ID: 92121514001** Collected: 06/15/12 14:25 Received: 06/15/12 16:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095							
Free Liquids	**0**	mL/5min	1.0	1		06/15/12 17:27		

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9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

QC Batch: WET/21261
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Associated Lab Samples: 92121514001

SAMPLE DUPLICATE: 780182

Parameter	Units	92121514001 Result	Dup Result	RPD	Qualifiers
Free Liquids	mL/5min	0	0		

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(704)875-9092

QUALIFIERS

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

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(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Soap Biosolids 6/15/12
Pace Project No.: 92121514

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92121514001	**Soap Biosolids**	EPA 9095	WET/21261		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 19, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.07	Issuing Authorities: Pace Asheville Quality Office

Client Name: Evergreen Project # 92125 14

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier (Circle): Fed Ex UPS USPS (Client) Commercial Pace Other_____ Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other_____

Circle Thermometer Used: IR Gun#2 80344039 **Type of Ice:** (Wet) Blue None ☑ Samples on Ice, cooling process has begun

IR Gun Back Up- 111565135

Temp Correction Factor: Add / (Subtract) 0.2 C

Corrected Cooler Temp.: 7.1 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: 6/15/12 JH

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 1 Day TAT
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	JH
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: LP Date: 6/15/12 **SRF Review:** RP Date: 6/15/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1539714

Section A Required Client Information:

Company: Evergreen Pkg.
Address: PO Box 4000
Canton NC 28716
Email To: jim.granger@evergreenpackaging.com
Phone: 828-646-2048 Fax: 828-646-6892
Requested Due Date/TAT: 6/18/12 1 Day TAT

Section B Required Project Information:

Report To: Same
Copy To:
Purchase Order No: 433624 (as supplemented)
Project Name: Soap Biosolids
Project Number:

Section C Invoice Information:

Attention: Same / Accounts Payable
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	Requested Analysis Filtered (Y/N): Paint Filter	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Soap Biosolids	SL	G	6/15/12	1410	6/15/12	1425		1	X								X	X		92121514 -001
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Jim Granger / Evergreen	6/15/12	1615	Lori Patton	6/15/12	1615	7.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: James A. Granger
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/15/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Jim Giauque

From: Lorri Patton <Lorri.Patton@pacelabs.com>
Sent: Thursday, June 14, 2012 10:29 AM
To: Jim Giauque; Paul Dickens
Subject: Soap Tank Report
Attachments: 92119733_fr.pdf; 92119733_coc.pdf

Good Morning,

Here is the following report:

92119733 SOAP TANK 5/31

Thank you,
Lorri

The email and documents accompanying this transmission contain confidential information belonging to the sender who is legally privileged. The information is intended only for the use of the individual(s) or entity(ies) named herein. If you are not the intended recipient, you are hereby notified that any disclosure, copying distribution or the taking of any action in reliance on the contents of this information is strictly prohibited. If you have received this in error, please immediately notify us by telephone (1.888.990.PACE) to arrange for return of the original documents.

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(336)623-8921

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 13, 2012

Mr. Jim Giauque
Evergreen Packaging
PO Box 4000
Canton, NC 28716

RE: Project: SOAP TANK 5/31
Pace Project No.: 92119733

Dear Mr. Giauque:
Enclosed are the analytical results for sample(s) received by the laboratory on May 31, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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CERTIFICATIONS

Project: SOAP TANK 5/31
Pace Project No.: 92119733

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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SAMPLE ANALYTE COUNT

Project: SOAP TANK 5/31
Pace Project No.: 92119733

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92119733001	**SOAP TANK SAMPLE**	EPA 6010	JMW	7	PASI-A
		EPA 7470	JMW	1	PASI-A
		EPA 8270	PPM	18	PASI-C
		EPA 8260	DLK	15	PASI-C
		EPA 9045	EWS	1	PASI-A

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ANALYTICAL RESULTS

Project: SOAP TANK 5/31
Pace Project No.: 92119733

Sample: SOAP TANK SAMPLE **Lab ID: 92119733001** Collected: 05/31/12 08:10 Received: 05/31/12 16:33 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 06/09/12 17:45							
Arsenic	ND	mg/L	0.025	1	06/10/12 19:00	06/12/12 03:02	7440-38-2	
Barium	1.8	mg/L	0.50	1	06/10/12 19:00	06/12/12 03:02	7440-39-3	
Cadmium	ND	mg/L	0.0050	1	06/10/12 19:00	06/12/12 03:02	7440-43-9	
Chromium	ND	mg/L	0.025	1	06/10/12 19:00	06/12/12 03:02	7440-47-3	
Lead	ND	mg/L	0.025	1	06/10/12 19:00	06/12/12 03:02	7439-92-1	
Selenium	ND	mg/L	0.10	1	06/10/12 19:00	06/12/12 03:02	7782-49-2	
Silver	ND	mg/L	0.025	1	06/10/12 19:00	06/12/12 03:02	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 06/09/12 17:45							
Mercury	ND	ug/L	0.20	1	06/11/12 14:40	06/12/12 12:55	7439-97-6	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Leachate Method/Date: EPA 1311; 06/08/12 11:00							
1,4-Dichlorobenzene	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	87-68-3	
Hexachlorobenzene	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	118-74-1	
Hexachloroethane	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24		
Nitrobenzene	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	98-95-3	
Pentachlorophenol	ND	ug/L	100	1	06/11/12 08:50	06/11/12 19:24	87-86-5	
Pyridine	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	50.0	1	06/11/12 08:50	06/11/12 19:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	72	%	12-102	1	06/11/12 08:50	06/11/12 19:24	4165-60-0	
2-Fluorobiphenyl (S)	64	%	13-107	1	06/11/12 08:50	06/11/12 19:24	321-60-8	
Terphenyl-d14 (S)	41	%	21-132	1	06/11/12 08:50	06/11/12 19:24	1718-51-0	
Phenol-d6 (S)	28	%	10-110	1	06/11/12 08:50	06/11/12 19:24	13127-88-3	
2-Fluorophenol (S)	29	%	10-110	1	06/11/12 08:50	06/11/12 19:24	367-12-4	
2,4,6-Tribromophenol (S)	80	%	27-108	1	06/11/12 08:50	06/11/12 19:24	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260							
Benzene	ND	ug/L	190	38		06/04/12 23:06	71-43-2	
2-Butanone (MEK)	ND	ug/L	380	38		06/04/12 23:06	78-93-3	
Carbon tetrachloride	ND	ug/L	190	38		06/04/12 23:06	56-23-5	
Chlorobenzene	ND	ug/L	190	38		06/04/12 23:06	108-90-7	
Chloroform	ND	ug/L	190	38		06/04/12 23:06	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	190	38		06/04/12 23:06	106-46-7	
1,2-Dichloroethane	ND	ug/L	190	38		06/04/12 23:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	190	38		06/04/12 23:06	75-35-4	
Tetrachloroethene	ND	ug/L	190	38		06/04/12 23:06	127-18-4	

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(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave, Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: SOAP TANK 5/31
Pace Project No.: 92119733

Sample: SOAP TANK SAMPLE **Lab ID: 92119733001** Collected: 05/31/12 08:10 Received: 05/31/12 16:33 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260							
Trichloroethene	ND	ug/L	190	38		06/04/12 23:06	79-01-6	
Vinyl chloride	ND	ug/L	190	38		06/04/12 23:06	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-130	38		06/04/12 23:06	17060-07-0	1g
Toluene-d8 (S)	103	%	67-135	38		06/04/12 23:06	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130	38		06/04/12 23:06	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	38		06/04/12 23:06	1868-53-7	
9045 pH Soil	Analytical Method: EPA 9045							
pH at 25 Degrees C	**12.6**	Std. Units	0.10	1		06/01/12 15:00		

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QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

QC Batch: MERP/4282
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 92119733001

METHOD BLANK: 776792 Matrix: Water
Associated Lab Samples: 92119733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	06/12/12 12:28	

LABORATORY CONTROL SAMPLE: 776793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.2	86	80-120	

MATRIX SPIKE SAMPLE: 776794

Parameter	Units	92119391001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.6	103	75-125	

SAMPLE DUPLICATE: 776795

Parameter	Units	92119668001 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	ND		

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(704)875-9092

QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

QC Batch: MPRP/10790
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 92119733001

METHOD BLANK: 776574 Matrix: Water
Associated Lab Samples: 92119733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	06/12/12 02:42	
Barium	mg/L	ND	0.50	06/12/12 02:42	
Cadmium	mg/L	ND	0.0050	06/12/12 02:42	
Chromium	mg/L	ND	0.025	06/12/12 02:42	
Lead	mg/L	ND	0.025	06/12/12 02:42	
Selenium	mg/L	ND	0.10	06/12/12 02:42	
Silver	mg/L	ND	0.025	06/12/12 02:42	

LABORATORY CONTROL SAMPLE: 776575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.6	104	80-120	
Barium	mg/L	2.5	2.3	90	80-120	
Cadmium	mg/L	2.5	2.4	94	80-120	
Chromium	mg/L	2.5	2.4	94	80-120	
Lead	mg/L	2.5	2.2	88	80-120	
Selenium	mg/L	2.5	2.8	110	80-120	
Silver	mg/L	1.2	1.3	103	80-120	

MATRIX SPIKE SAMPLE: 776577

Parameter	Units	92119687001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	2.7	107	75-125	
Barium	mg/L	0.51	2.5	2.8	91	75-125	
Cadmium	mg/L	ND	2.5	2.4	95	75-125	
Chromium	mg/L	ND	2.5	2.4	97	75-125	
Lead	mg/L	ND	2.5	2.2	90	75-125	
Selenium	mg/L	ND	2.5	2.8	110	75-125	
Silver	mg/L	ND	1.2	1.3	105	75-125	

SAMPLE DUPLICATE: 776576

Parameter	Units	92119668001 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/L	ND	ND		
Barium	mg/L	ND	.35I		
Cadmium	mg/L	ND	.0039I		
Chromium	mg/L	ND	ND		
Lead	mg/L	ND	ND		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

SAMPLE DUPLICATE: 776576

Parameter	Units	92119668001 Result	Dup Result	RPD	Qualifiers
Selenium	mg/L	ND	ND		
Silver	mg/L	ND	ND		

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9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

QC Batch: MSV/19318
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92119733001

METHOD BLANK: 772577
Matrix: Water
Associated Lab Samples: 92119733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	06/04/12 12:23	
1,2-Dichloroethane	ug/L	ND	5.0	06/04/12 12:23	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/04/12 12:23	
2-Butanone (MEK)	ug/L	ND	10.0	06/04/12 12:23	
Benzene	ug/L	ND	5.0	06/04/12 12:23	
Carbon tetrachloride	ug/L	ND	5.0	06/04/12 12:23	
Chlorobenzene	ug/L	ND	5.0	06/04/12 12:23	
Chloroform	ug/L	ND	5.0	06/04/12 12:23	
Tetrachloroethene	ug/L	ND	5.0	06/04/12 12:23	
Trichloroethene	ug/L	ND	5.0	06/04/12 12:23	
Vinyl chloride	ug/L	ND	5.0	06/04/12 12:23	
1,2-Dichloroethane-d4 (S)	%	119	70-130	06/04/12 12:23	
4-Bromofluorobenzene (S)	%	93	70-130	06/04/12 12:23	
Dibromofluoromethane (S)	%	111	70-130	06/04/12 12:23	
Toluene-d8 (S)	%	104	67-135	06/04/12 12:23	

LABORATORY CONTROL SAMPLE: 772578

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	60.2	120	70-141	
1,2-Dichloroethane	ug/L	50	59.1	118	70-139	
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-141	
2-Butanone (MEK)	ug/L	100	122	122	63-150	
Benzene	ug/L	50	55.1	110	70-132	
Carbon tetrachloride	ug/L	50	55.4	111	70-150	
Chlorobenzene	ug/L	50	51.4	103	70-134	
Chloroform	ug/L	50	61.5	123	70-130	
Tetrachloroethene	ug/L	50	50.2	100	70-137	
Trichloroethene	ug/L	50	52.2	104	70-131	
Vinyl chloride	ug/L	50	49.8	100	56-144	
1,2-Dichloroethane-d4 (S)	%			113	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Dibromofluoromethane (S)	%			111	70-130	
Toluene-d8 (S)	%			102	67-135	

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QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

QC Batch: OEXT/17801
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 92119733001

METHOD BLANK: 776612
Matrix: Water
Associated Lab Samples: 92119733001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	50.0	06/11/12 17:32	
2,4,5-Trichlorophenol	ug/L	ND	50.0	06/11/12 17:32	
2,4,6-Trichlorophenol	ug/L	ND	50.0	06/11/12 17:32	
2,4-Dinitrotoluene	ug/L	ND	50.0	06/11/12 17:32	
2-Methylphenol(o-Cresol)	ug/L	ND	50.0	06/11/12 17:32	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50.0	06/11/12 17:32	
Hexachloro-1,3-butadiene	ug/L	ND	50.0	06/11/12 17:32	
Hexachlorobenzene	ug/L	ND	50.0	06/11/12 17:32	
Hexachloroethane	ug/L	ND	50.0	06/11/12 17:32	
Nitrobenzene	ug/L	ND	50.0	06/11/12 17:32	
Pentachlorophenol	ug/L	ND	100	06/11/12 17:32	
Pyridine	ug/L	ND	50.0	06/11/12 17:32	
2,4,6-Tribromophenol (S)	%	71	27-108	06/11/12 17:32	
2-Fluorobiphenyl (S)	%	65	13-107	06/11/12 17:32	
2-Fluorophenol (S)	%	31	10-110	06/11/12 17:32	
Nitrobenzene-d5 (S)	%	63	12-102	06/11/12 17:32	
Phenol-d6 (S)	%	21	10-110	06/11/12 17:32	
Terphenyl-d14 (S)	%	69	21-132	06/11/12 17:32	

LABORATORY CONTROL SAMPLE: 776613

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	296	59	10-110	
2,4,5-Trichlorophenol	ug/L	500	357	71	39-108	
2,4,6-Trichlorophenol	ug/L	500	349	70	40-104	
2,4-Dinitrotoluene	ug/L	500	342	68	42-109	
2-Methylphenol(o-Cresol)	ug/L	500	260	52	31-110	
3&4-Methylphenol(m&p Cresol)	ug/L	500	229	46	30-110	
Hexachloro-1,3-butadiene	ug/L	500	328	66	10-110	
Hexachlorobenzene	ug/L	500	379	76	39-121	
Hexachloroethane	ug/L	500	286	57	10-110	
Nitrobenzene	ug/L	500	263	53	32-101	
Pentachlorophenol	ug/L	1000	711	71	18-108	
Pyridine	ug/L	500	162	32	10-110	
2,4,6-Tribromophenol (S)	%			80	27-108	
2-Fluorobiphenyl (S)	%			66	13-107	
2-Fluorophenol (S)	%			33	10-110	
Nitrobenzene-d5 (S)	%			64	12-102	
Phenol-d6 (S)	%			23	10-110	
Terphenyl-d14 (S)	%			72	21-132	

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QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 776614 776615

Parameter	Units	92120316001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	297	289	59	58	30-150	3	
2,4,5-Trichlorophenol	ug/L	ND	500	500	362	353	72	71	30-150	2	
2,4,6-Trichlorophenol	ug/L	ND	500	500	369	349	74	70	30-150	6	
2,4-Dinitrotoluene	ug/L	ND	500	500	330	305	66	61	30-150	8	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	286	271	57	54	30-150	6	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	500	500	261	240	52	48	30-150	8	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	329	321	66	64	30-150	3	
Hexachlorobenzene	ug/L	ND	500	500	371	372	74	74	30-150	0	
Hexachloroethane	ug/L	ND	500	500	289	280	58	56	30-150	3	
Nitrobenzene	ug/L	ND	500	500	305	299	61	60	30-150	2	
Pentachlorophenol	ug/L	ND	1000	1000	791	735	79	73	30-150	7	
Pyridine	ug/L	ND	500	500	183	177	37	35	30-150	4	
2,4,6-Tribromophenol (S)	%						79	74	27-108		
2-Fluorobiphenyl (S)	%						65	62	13-107		
2-Fluorophenol (S)	%						41	40	10-110		
Nitrobenzene-d5 (S)	%						65	60	12-102		
Phenol-d6 (S)	%						30	29	10-110		
Terphenyl-d14 (S)	%						69	63	21-132		

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QUALITY CONTROL DATA

Project: SOAP TANK 5/31
Pace Project No.: 92119733

QC Batch: WET/21059
QC Batch Method: EPA 9045
Analysis Method: EPA 9045
Analysis Description: 9045 pH
Associated Lab Samples: 92119733001

SAMPLE DUPLICATE: 771613

Parameter	Units	5063665001 Result	Dup Result	RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.0	8.1	1	

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QUALIFIERS

Project: SOAP TANK 5/31
Pace Project No.: 92119733

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	8260 results are from a total analysis which show that analytes are not present or that they are present but at such low levels that the appropriate regulatory levels could not possibly be exceeded, per Section 1.2 of Method 1311.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SOAP TANK 5/31
Pace Project No.: 92119733

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92119733001	**SOAP TANK SAMPLE**	EPA 3010	MPRP/10790	EPA 6010	ICP/9920
92119733001	**SOAP TANK SAMPLE**	EPA 7470	MERP/4282	EPA 7470	MERC/4199
92119733001	**SOAP TANK SAMPLE**	EPA 3510	OEXT/17801	EPA 8270	MSSV/6377
92119733001	**SOAP TANK SAMPLE**	EPA 8260	MSV/19318		
92119733001	**SOAP TANK SAMPLE**	EPA 9045	WET/21059		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1539713

Section A Required Client Information:

Company: Blue Ridge Paper
Address: PO Box 4000
Canton, NC 28716
Email To: jim.giangue@evergreenpkg.com
Phone: 828-646-2008 Fax: 828-646-6892
Requested Due Date/TAT: ASAP

Section B Required Project Information:

Report To: Same
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Jim Giangue
Company Name: Same
Address:
Pace Quote Reference: Phone Quote
Pace Project Manager: Tom Williams
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	1 Analysis Test: RCRA Corrosivity	8 RCRA Metals TCLP	TCLP Vols	TCLP Semivols	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Soap Tank Sample	OT	G	5/31/12	0810				4	X									X	X	X	X		92119733
2																								92119733007
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Jim Giangue/BRPP	5/31/12	0633		5/31/12	16:33	3.5 x — x

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: James A Giangue
SIGNATURE of SAMPLER: James A Giangue
DATE Signed (MM/DD/YY): 5/31/12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 19, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.07	Issuing Authorities: Pace Asheville Quality Office

Client Name: BRPP Project # 92149733

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier (Circle): Fed Ex UPS USPS ~~Client~~ Commercial Pace Other____ Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other____

Circle Thermometer Used: IR Gun#2 -80344039 **Type of Ice:** ~~Wet~~ Blue None ☑ Samples on ice, cooling process has begun

IR Gun Back Up- 111565135

Temp Correction Factor: Add / ~~Subtract~~ 0.2 C

Corrected Cooler Temp.: 3.3 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: K.S 5/31/12

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. ASAP
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	-01	
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	KL Initial when completed
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

SCURF Review: KP Date: 6/4/12 **SRF Review:** KP Date: 6/4/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

July 18, 2012

Mr. Jim Giauque
Evergreen Packaging
PO Box 4000
Canton, NC 28716

RE: Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Dear Mr. Giauque:
Enclosed are the analytical results for sample(s) received by the laboratory on July 09, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lorri Patton

Lorri Patton

lorri.patton@pacelabs.com
Project Manager

Enclosures

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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SAMPLE ANALYTE COUNT

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92123442001	**W.GB SKIM TANK SOAP**	EPA 6010	JMW	7	PASI-A
		EPA 7470	SHB	1	PASI-A
		EPA 8270	PPM	18	PASI-C
		EPA 8260	DLK	15	PASI-C
		EPA 9095	LMD	1	PASI-A

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ANALYTICAL RESULTS

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Sample: W.GB SKIM TANK SOAP **Lab ID: 92123442001** Collected: 07/09/12 08:05 Received: 07/09/12 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
	Leachate Method/Date: EPA 1311; 07/11/12 15:15							
Arsenic	ND	mg/L	0.025	1	07/12/12 14:00	07/13/12 15:03	7440-38-2	
Barium	**1.0**	mg/L	0.50	1	07/12/12 14:00	07/13/12 15:03	7440-39-3	
Cadmium	ND	mg/L	0.0050	1	07/12/12 14:00	07/13/12 15:03	7440-43-9	
Chromium	ND	mg/L	0.025	1	07/12/12 14:00	07/13/12 15:03	7440-47-3	
Lead	ND	mg/L	0.025	1	07/12/12 14:00	07/13/12 15:03	7439-92-1	
Selenium	ND	mg/L	0.10	1	07/12/12 14:00	07/13/12 15:03	7782-49-2	
Silver	ND	mg/L	0.025	1	07/12/12 14:00	07/13/12 15:03	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
	Leachate Method/Date: EPA 1311; 07/11/12 15:15							
Mercury	ND	ug/L	0.20	1	07/12/12 14:00	07/13/12 14:34	7439-97-6	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
	Leachate Method/Date: EPA 1311; 07/11/12 14:10							
1,4-Dichlorobenzene	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	87-68-3	
Hexachlorobenzene	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	118-74-1	
Hexachloroethane	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39		
Nitrobenzene	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	98-95-3	
Pentachlorophenol	ND	ug/L	100	1	07/13/12 09:00	07/14/12 00:39	87-86-5	
Pyridine	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	50.0	1	07/13/12 09:00	07/14/12 00:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	69	%	12-102	1	07/13/12 09:00	07/14/12 00:39	4165-60-0	
2-Fluorobiphenyl (S)	52	%	13-107	1	07/13/12 09:00	07/14/12 00:39	321-60-8	
Terphenyl-d14 (S)	70	%	21-132	1	07/13/12 09:00	07/14/12 00:39	1718-51-0	
Phenol-d6 (S)	23	%	10-110	1	07/13/12 09:00	07/14/12 00:39	13127-88-3	
2-Fluorophenol (S)	31	%	10-110	1	07/13/12 09:00	07/14/12 00:39	367-12-4	
2,4,6-Tribromophenol (S)	79	%	27-108	1	07/13/12 09:00	07/14/12 00:39	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260							
Benzene	ND	ug/L	190	38		07/11/12 22:26	71-43-2	
2-Butanone (MEK)	ND	ug/L	380	38		07/11/12 22:26	78-93-3	
Carbon tetrachloride	ND	ug/L	190	38		07/11/12 22:26	56-23-5	
Chlorobenzene	ND	ug/L	190	38		07/11/12 22:26	108-90-7	
Chloroform	ND	ug/L	190	38		07/11/12 22:26	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	190	38		07/11/12 22:26	106-46-7	
1,2-Dichloroethane	ND	ug/L	190	38		07/11/12 22:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	190	38		07/11/12 22:26	75-35-4	
Tetrachloroethene	ND	ug/L	190	38		07/11/12 22:26	127-18-4	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Sample: W.GB SKIM TANK SOAP **Lab ID: 92123442001** Collected: 07/09/12 08:05 Received: 07/09/12 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260							
Trichloroethene	ND	ug/L	190	38		07/11/12 22:26	79-01-6	
Vinyl chloride	ND	ug/L	190	38		07/11/12 22:26	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-130	38		07/11/12 22:26	17060-07-0	1g
Toluene-d8 (S)	103	%	67-135	38		07/11/12 22:26	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130	38		07/11/12 22:26	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	38		07/11/12 22:26	1868-53-7	
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095							
Free Liquids	**0**	mL/5min	1.0	1		07/10/12 23:18		

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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

QC Batch: MERP/4350
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 92123442001

METHOD BLANK: 793388 Matrix: Water
Associated Lab Samples: 92123442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	07/13/12 13:58	

LABORATORY CONTROL SAMPLE: 793389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.2	88	80-120	

MATRIX SPIKE SAMPLE: 793390

Parameter	Units	92123525001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.3	92	75-125	

SAMPLE DUPLICATE: 793391

Parameter	Units	92123294006 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

QC Batch: MPRP/11003
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 92123442001

METHOD BLANK: 793428 Matrix: Water
Associated Lab Samples: 92123442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	07/13/12 14:36	
Barium	mg/L	ND	0.50	07/13/12 14:36	
Cadmium	mg/L	ND	0.0050	07/13/12 14:36	
Chromium	mg/L	ND	0.025	07/13/12 14:36	
Lead	mg/L	ND	0.025	07/13/12 14:36	
Selenium	mg/L	ND	0.10	07/13/12 14:36	
Silver	mg/L	ND	0.025	07/13/12 14:36	

LABORATORY CONTROL SAMPLE: 793429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.3	92	80-120	
Barium	mg/L	2.5	2.3	92	80-120	
Cadmium	mg/L	2.5	2.3	92	80-120	
Chromium	mg/L	2.5	2.3	94	80-120	
Lead	mg/L	2.5	2.2	88	80-120	
Selenium	mg/L	2.5	2.3	93	80-120	
Silver	mg/L	1.2	1.1	92	80-120	

MATRIX SPIKE SAMPLE: 793430

Parameter	Units	92123525001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	4.3	172	75-125	J(M1)
Barium	mg/L	ND	2.5	4.3	170	75-125	J(M1)
Cadmium	mg/L	ND	2.5	4.3	172	75-125	J(M1)
Chromium	mg/L	ND	2.5	4.4	175	75-125	J(M1)
Lead	mg/L	ND	2.5	4.1	165	75-125	J(M1)
Selenium	mg/L	ND	2.5	4.4	173	75-125	J(M1)
Silver	mg/L	ND	1.2	2.1	170	75-125	J(M1)

SAMPLE DUPLICATE: 793431

Parameter	Units	92123294006 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/L	ND	ND		
Barium	mg/L	ND	.082I		
Cadmium	mg/L	ND	ND		
Chromium	mg/L	ND	.0084I		
Lead	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

SAMPLE DUPLICATE: 793431

Parameter	Units	92123294006 Result	Dup Result	RPD	Qualifiers
Selenium	mg/L	ND	ND		
Silver	mg/L	ND	ND		

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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

QC Batch: MSV/19732
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92123442001

METHOD BLANK: 792297
Matrix: Water
Associated Lab Samples: 92123442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	07/11/12 11:47	
1,2-Dichloroethane	ug/L	ND	5.0	07/11/12 11:47	
1,4-Dichlorobenzene	ug/L	ND	5.0	07/11/12 11:47	
2-Butanone (MEK)	ug/L	ND	10.0	07/11/12 11:47	
Benzene	ug/L	ND	5.0	07/11/12 11:47	
Carbon tetrachloride	ug/L	ND	5.0	07/11/12 11:47	
Chlorobenzene	ug/L	ND	5.0	07/11/12 11:47	
Chloroform	ug/L	ND	5.0	07/11/12 11:47	
Tetrachloroethene	ug/L	ND	5.0	07/11/12 11:47	
Trichloroethene	ug/L	ND	5.0	07/11/12 11:47	
Vinyl chloride	ug/L	ND	5.0	07/11/12 11:47	
1,2-Dichloroethane-d4 (S)	%	103	70-130	07/11/12 11:47	
4-Bromofluorobenzene (S)	%	95	70-130	07/11/12 11:47	
Dibromofluoromethane (S)	%	105	70-130	07/11/12 11:47	
Toluene-d8 (S)	%	101	67-135	07/11/12 11:47	

LABORATORY CONTROL SAMPLE: 792298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	51.7	103	70-141	
1,2-Dichloroethane	ug/L	50	46.4	93	70-139	
1,4-Dichlorobenzene	ug/L	50	43.5	87	70-141	
2-Butanone (MEK)	ug/L	100	113	113	63-150	
Benzene	ug/L	50	49.5	99	70-132	
Carbon tetrachloride	ug/L	50	46.1	92	70-150	
Chlorobenzene	ug/L	50	44.8	90	70-134	
Chloroform	ug/L	50	49.7	99	70-130	
Tetrachloroethene	ug/L	50	44.5	89	70-137	
Trichloroethene	ug/L	50	44.7	89	70-131	
Vinyl chloride	ug/L	50	49.7	99	56-144	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			99	67-135	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

QC Batch: OEXT/18172
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 92123442001

METHOD BLANK: 794025
Matrix: Water
Associated Lab Samples: 92123442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	50.0	07/13/12 21:21	
2,4,5-Trichlorophenol	ug/L	ND	50.0	07/13/12 21:21	
2,4,6-Trichlorophenol	ug/L	ND	50.0	07/13/12 21:21	
2,4-Dinitrotoluene	ug/L	ND	50.0	07/13/12 21:21	
2-Methylphenol(o-Cresol)	ug/L	ND	50.0	07/13/12 21:21	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50.0	07/13/12 21:21	
Hexachloro-1,3-butadiene	ug/L	ND	50.0	07/13/12 21:21	
Hexachlorobenzene	ug/L	ND	50.0	07/13/12 21:21	
Hexachloroethane	ug/L	ND	50.0	07/13/12 21:21	
Nitrobenzene	ug/L	ND	50.0	07/13/12 21:21	
Pentachlorophenol	ug/L	ND	100	07/13/12 21:21	
Pyridine	ug/L	ND	50.0	07/13/12 21:21	
2,4,6-Tribromophenol (S)	%	68	27-108	07/13/12 21:21	
2-Fluorobiphenyl (S)	%	53	13-107	07/13/12 21:21	
2-Fluorophenol (S)	%	26	10-110	07/13/12 21:21	
Nitrobenzene-d5 (S)	%	42	12-102	07/13/12 21:21	
Phenol-d6 (S)	%	16	10-110	07/13/12 21:21	
Terphenyl-d14 (S)	%	89	21-132	07/13/12 21:21	

LABORATORY CONTROL SAMPLE: 794026

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	312	62	10-110	
2,4,5-Trichlorophenol	ug/L	500	303	61	39-108	
2,4,6-Trichlorophenol	ug/L	500	390	78	40-104	
2,4-Dinitrotoluene	ug/L	500	377	75	42-109	
2-Methylphenol(o-Cresol)	ug/L	500	206	41	31-110	
3&4-Methylphenol(m&p Cresol)	ug/L	500	187	37	30-110	
Hexachloro-1,3-butadiene	ug/L	500	416	83	10-110	
Hexachlorobenzene	ug/L	500	453	91	39-121	
Hexachloroethane	ug/L	500	287	57	10-110	
Nitrobenzene	ug/L	500	302	60	32-101	
Pentachlorophenol	ug/L	1000	822	82	18-108	
Pyridine	ug/L	500	127	25	10-110	
2,4,6-Tribromophenol (S)	%			100	27-108	
2-Fluorobiphenyl (S)	%			74	13-107	
2-Fluorophenol (S)	%			35	10-110	
Nitrobenzene-d5 (S)	%			58	12-102	
Phenol-d6 (S)	%			22	10-110	
Terphenyl-d14 (S)	%			91	21-132	

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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 794027 794028

Parameter	Units	92123126001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	322	306	64	61	30-150	5	
2,4,5-Trichlorophenol	ug/L	ND	500	500	305	329	61	66	30-150	7	
2,4,6-Trichlorophenol	ug/L	ND	500	500	402	394	80	79	30-150	2	
2,4-Dinitrotoluene	ug/L	ND	500	500	372	412	74	82	30-150	10	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	234	221	47	44	30-150	6	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	500	500	203	194	41	39	30-150	4	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	421	401	84	80	30-150	5	
Hexachlorobenzene	ug/L	ND	500	500	455	460	91	92	30-150	1	
Hexachloroethane	ug/L	ND	500	500	299	282	60	56	30-150	6	
Nitrobenzene	ug/L	ND	500	500	320	299	64	60	30-150	7	
Pentachlorophenol	ug/L	ND	1000	1000	883	878	88	88	30-150	1	
Pyridine	ug/L	ND	500	500	174	141	35	28	30-150	21	J(M0),J(M1)
2-Fluorobiphenyl (S)	%						74	69	13-107		
2-Fluorophenol (S)	%						42	41	10-110		
Nitrobenzene-d5 (S)	%						58	54	12-102		
Phenol-d6 (S)	%						28	27	10-110		
Terphenyl-d14 (S)	%						90	90	21-132		

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QUALITY CONTROL DATA

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

QC Batch: WET/21550
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Associated Lab Samples: 92123442001

SAMPLE DUPLICATE: 791841

Parameter	Units	92123442001 Result	Dup Result	RPD	Qualifiers
Free Liquids	mL/5min	0	0		

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QUALIFIERS

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	8260 results are from a total analysis which show that analytes are not present or that they are present but at such low levels that the appropriate regulatory levels could not possibly be exceeded, per Section 1.2 of Method 1311.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M0)	Estimated Value. Matrix spike recovery was outside laboratory control limits.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W GB SKIM TANK SOAP 7/9
Pace Project No.: 92123442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92123442001	**W.GB SKIM TANK SOAP**	EPA 3010	MPRP/11003	EPA 6010	ICP/10104
92123442001	**W.GB SKIM TANK SOAP**	EPA 7470	MERP/4350	EPA 7470	MERC/4266
92123442001	**W.GB SKIM TANK SOAP**	EPA 3510	OEXT/18172	EPA 8270	MSSV/6495
92123442001	**W.GB SKIM TANK SOAP**	EPA 8260	MSV/19732		
92123442001	**W.GB SKIM TANK SOAP**	EPA 9095	WET/21550		

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