Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
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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

February 02, 2011

Ms. Gail Jeter
Concurrent Technologies Corp
1233 Washington Street
Suite 1000
Columbia, SC 29201

RE: Project: VICTOR MILL
Pace Project No.: 9286229

Dear Ms. Jeter:
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated 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,

Renee Spencer

Renee Spencer

renee.spencer@pacelabs.com
Project Manager

Enclosures

cc: Brian Kvam, Concurrent Technologies Corp

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CERTIFICATIONS

Project: VICTOR MILL
Pace Project No.: 9286229

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/LELAP Certification #: 04034
New Jersey Certification #: NC012
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
Pennsylvania Certification #: 68-00784
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357

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SAMPLE ANALYTE COUNT

Project: VICTOR MILL
Pace Project No.: 9286229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9286229001	**VM-CSS-A 0-1**	EPA 8270 by SIM	PPM	21	PASI-C
		ASTM D2974-87	KDF	1	PASI-C

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ANALYTICAL RESULTS

Project: VICTOR MILL
Pace Project No.: 9286229

Sample: VM-CSS-A 0-1 **Lab ID: 9286229001** Collected: 01/21/11 10:45 Received: 01/21/11 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV MW PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	83-32-9	
Acenaphthylene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	208-96-8	
Anthracene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	207-08-9	
Chrysene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	53-70-3	
Fluoranthene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	206-44-0	
Fluorene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	91-57-6	
Naphthalene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	91-20-3	
Phenanthrene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	85-01-8	
Pyrene	ND	mg/kg	0.012	1	02/02/11 09:45	02/02/11 15:21	129-00-0	
Nitrobenzene-d5 (S)	53	%	10-128	1	02/02/11 09:45	02/02/11 15:21	4165-60-0	
2-Fluorobiphenyl (S)	48	%	10-110	1	02/02/11 09:45	02/02/11 15:21	321-60-8	
Terphenyl-d14 (S)	58	%	39-119	1	02/02/11 09:45	02/02/11 15:21	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**19.3**	%	0.10	1		01/25/11 08:15		

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QUALITY CONTROL DATA

Project: VICTOR MILL
Pace Project No.: 9286229

QC Batch: OEXT/12549
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 9286229001

METHOD BLANK: 558680 Matrix: Solid
Associated Lab Samples: 9286229001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.010	02/02/11 15:02	
2-Methylnaphthalene	mg/kg	ND	0.010	02/02/11 15:02	
Acenaphthene	mg/kg	ND	0.010	02/02/11 15:02	
Acenaphthylene	mg/kg	ND	0.010	02/02/11 15:02	
Anthracene	mg/kg	ND	0.010	02/02/11 15:02	
Benzo(a)anthracene	mg/kg	ND	0.010	02/02/11 15:02	
Benzo(a)pyrene	mg/kg	ND	0.010	02/02/11 15:02	
Benzo(b)fluoranthene	mg/kg	ND	0.010	02/02/11 15:02	
Benzo(g,h,i)perylene	mg/kg	ND	0.010	02/02/11 15:02	
Benzo(k)fluoranthene	mg/kg	ND	0.010	02/02/11 15:02	
Chrysene	mg/kg	ND	0.010	02/02/11 15:02	
Dibenz(a,h)anthracene	mg/kg	ND	0.010	02/02/11 15:02	
Fluoranthene	mg/kg	ND	0.010	02/02/11 15:02	
Fluorene	mg/kg	ND	0.010	02/02/11 15:02	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.010	02/02/11 15:02	
Naphthalene	mg/kg	ND	0.010	02/02/11 15:02	
Phenanthrene	mg/kg	ND	0.010	02/02/11 15:02	
Pyrene	mg/kg	ND	0.010	02/02/11 15:02	
2-Fluorobiphenyl (S)	%	58	10-110	02/02/11 15:02	
Nitrobenzene-d5 (S)	%	57	10-128	02/02/11 15:02	
Terphenyl-d14 (S)	%	82	39-119	02/02/11 15:02	

LABORATORY CONTROL SAMPLE: 558681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	.033	0.027	82	29-108	
2-Methylnaphthalene	mg/kg	.033	0.029	88	30-104	
Acenaphthene	mg/kg	.033	0.027	81	38-109	
Acenaphthylene	mg/kg	.033	0.030	89	41-109	
Anthracene	mg/kg	.033	0.030	90	45-114	
Benzo(a)anthracene	mg/kg	.033	0.034	101	45-109	
Benzo(a)pyrene	mg/kg	.033	0.033	99	47-117	
Benzo(b)fluoranthene	mg/kg	.033	0.042	126	32-113	L1
Benzo(g,h,i)perylene	mg/kg	.033	0.034	103	10-149	
Benzo(k)fluoranthene	mg/kg	.033	0.030	91	41-104	
Chrysene	mg/kg	.033	0.027	82	35-116	
Dibenz(a,h)anthracene	mg/kg	.033	0.037	110	13-139	
Fluoranthene	mg/kg	.033	0.034	101	43-110	
Fluorene	mg/kg	.033	0.030	90	45-111	
Indeno(1,2,3-cd)pyrene	mg/kg	.033	0.036	107	17-135	
Naphthalene	mg/kg	.033	0.026	77	26-120	

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QUALITY CONTROL DATA

Project: VICTOR MILL
Pace Project No.: 9286229

LABORATORY CONTROL SAMPLE: 558681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	.033	0.032	95	45-110	
Pyrene	mg/kg	.033	0.034	102	38-114	
2-Fluorobiphenyl (S)	%			69	10-110	
Nitrobenzene-d5 (S)	%			74	10-128	
Terphenyl-d14 (S)	%			80	39-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 558682 558683

Parameter	Units	9286229001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1-Methylnaphthalene	mg/kg	ND	.041	.041	0.026	0.038	61	90	50-150	38	R1
2-Methylnaphthalene	mg/kg	ND	.041	.041	0.027	0.043	65	102	50-150	44	R1
Acenaphthene	mg/kg	ND	.041	.041	0.024	0.031	57	73	50-150	25	
Acenaphthylene	mg/kg	ND	.041	.041	0.027	0.033	64	80	50-150	22	
Anthracene	mg/kg	ND	.041	.041	0.027	0.034	59	76	50-150	23	
Benzo(a)anthracene	mg/kg	ND	.041	.041	0.028	0.034	59	72	50-150	18	
Benzo(a)pyrene	mg/kg	ND	.041	.041	0.028	0.033	67	81	50-150	18	
Benzo(b)fluoranthene	mg/kg	ND	.041	.041	0.027	0.034	65	82	50-150	24	
Benzo(g,h,i)perylene	mg/kg	ND	.041	.041	0.026	0.029	62	69	50-150	11	
Benzo(k)fluoranthene	mg/kg	ND	.041	.041	0.026	0.029	56	63	50-150	10	
Chrysene	mg/kg	ND	.041	.041	0.025	0.030	51	64	50-150	19	
Dibenz(a,h)anthracene	mg/kg	ND	.041	.041	0.027	0.029	64	71	50-150	9	
Fluoranthene	mg/kg	ND	.041	.041	0.030	0.036	48	61	50-150	17	M0,M1
Fluorene	mg/kg	ND	.041	.041	0.026	0.034	61	80	50-150	27	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	.041	.041	0.026	0.029	64	71	50-150	10	
Naphthalene	mg/kg	ND	.041	.041	0.025	0.033	60	77	50-150	25	
Phenanthrene	mg/kg	ND	.041	.041	0.027	0.034	44	61	50-150	23	M0,M1
Pyrene	mg/kg	ND	.041	.041	0.030	0.036	51	65	50-150	17	
2-Fluorobiphenyl (S)	%						53	64	10-110		
Nitrobenzene-d5 (S)	%						59	71	10-128		
Terphenyl-d14 (S)	%						63	77	39-119		

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QUALITY CONTROL DATA

Project: VICTOR MILL
Pace Project No.: 9286229

QC Batch: PMST/3695
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9286229001

SAMPLE DUPLICATE: 555049

Parameter	Units	9286163001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	19.8	19.7	0	

SAMPLE DUPLICATE: 555050

Parameter	Units	9286262001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	16.5	15.0	9	

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QUALIFIERS

Project: VICTOR MILL
Pace Project No.: 9286229

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.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection 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.

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

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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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: 1 of 1

1433767

Section A Required Client Information:

Company:	CTC
Address:	1233 Washington St Ste 1000 Columbia, SC
Email To:	jeterg@ctc.com
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Gail Jeter
Copy To:	
Purchase Order No.:	
Project Name:	Victor Mill
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	CTC
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	3995-2

REGULATORY AGENCY

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

Site Location STATE: SC

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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: 8270 PAHs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	VM-CSS-A 0'-1'	SL	C			1/21	1045		2	X								X	X		9281229 001
2	VM-CSS-A 2'-3'	SL	C			1/21	1100		2	X								X	X		Extract and hold
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		1/21/11	1145		1/21/11	1145	
		1/21/11	1210		1/21/11	1145	
		1/21/11	1410		1/21/11	14:10	4-2

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tice Welborn

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 1/21/11

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.

Sample Condition Upon Receipt

Pace Analytical

Client Name: CTC Project # 9286229

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

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

Optional
Proj. Due Date:
Proj. Name:

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

Thermometer Used: IR Gun : T904 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract _____0_____C

Corrected Cooler Temp.: 4 C **Biological Tissue is Frozen:** Yes No

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

Date and Initials of person examining contents: MM - 1/21/11

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.
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:		
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	
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: _____

PM/CURF Review: [signature] Date: 1/21/11 **SRF Review:** [signature] Date: 1/21/11

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)