



Cliff Berry, Incorporated Environmental Services

NON HAZARDOUS WASTE MANIFEST GENERATORS US EPAID

MANIFEST # **80977**
DOCUMENT

PO#

TRUCK# **1711**

Send Invoice to _____

Job Location/Generator _____

Designated Facilities

Check ☒ One

Cliff Berry Inc.
5218 St. Paul St.
Tampa, FL 33619
866-899-7745
EPA ID#FLR000013888

Cliff Berry Inc.
5855 Industrial Dr.
Cocoa, FL 32927
800-899-7745
EPA ID#FLR000119792

Cliff Berry, Inc.
400 Angle Rd
Ft. Pierce, FL 34946
800-556-8389
EPA ID#FLR000009266

Cliff Berry Inc.
3400 SE 9th Ave
Ft. Laud., FL 33316
800-899-7745
EPA ID#FLR000083071

Cliff Berry Inc.
16880 Gator Rd.
Ft. Myers, FL 33912
800-899-7745
EPA ID#FLR000083071

Cliff Berry, Inc.
3033 NW N. River Dr.
Miami, FL 33142
305-638-2030
EPA ID#FLD058560699

Transporter/Cliff Berry, Inc./Ph.#1-800-899-7745/EPA ID FLR000083071

WASTE SHIPPING NAME	A	I	M	Container No Type	Quantity	Unit
Petroleum Oil (Used Oil) NON DOT Regulated Material	X				325	
Petroleum Oil (Oily Water) NON DOT Regulated Material						
Non Regulated Liquid (Spent Antifreeze / Coolant)						
Non Regulated Solid (Spent Oil Filters)						
OTHER:						

IN CASE OF ANY EMERGENCY CALL CBI AT 1-800-899-7745

MAN HOURS@ _____ PER/HR \$ _____
TRUCK HRS@ _____ PER/HR \$ _____
: @ _____ PER/ \$ _____
: @ _____ PER/ \$ _____
: @ _____ PER/ \$ _____

Time Left _____ Time Arrived _____

TOTAL AMOUNT DUE:

Completed _____ Time Returned _____

GENERATORS CERTIFICATION: I CERTIFY THE MATERIALS DESCRIBED ABOVE ON THIS MANIFEST ARE NOT SUBJECT TO FEDERAL REGULATIONS FOR REPORTING PROPER DISPOSAL OF HAZARDOUS WASTE

PRINT/TYPE NAME Kevin Gonzalez SIGNATURE [Signature] MONTH 1 DAY 11 YEAR 11

TRANSPORTER 1 ACKNOWLEDGE OF RECEIPT OF MATERIALS

PRINT/TYPE NAME [Signature] SIGNATURE [Signature] MONTH 1 DAY 11 YEAR 11

FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF NON-HAZARDOUS WASTE MATERIALS COVERED BY THIS MANIFEST

PRINT/TYPE NAME _____ SIGNATURE _____ MONTH _____ DAY _____ YEAR _____

Conditions of Sale: Payment is due within 30 days of this invoice date: A charge of 1 1/2% per month, 18% per annum will be added monthly to unpaid balances. Collection costs and attorney fees will be due in the event any collection process becomes necessary.

Chain of Custody

ical
is.com

COC

Order ID: 1223834

Results Requested 10/9/2012

Workorder Name: Kelly Tractor

Subcontract To

Report / Invoice To

- 2. FLS-4127

Terrence Anderson
Pace Analytical South Florida
3610 Park Central Blvd N
Pompano Beach, FL 33064
Phone 954-582-4300
Email: terrence.anderson@pacelabs.co
Cuyahoga Falls, Ohio 44223

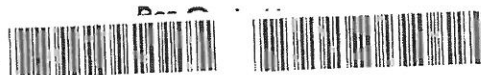
Requested Analysis		Preserved Containers		LAB USE ONLY	
Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Other
1	Kelly Tractor	9/27/2012 11:00	3569722001	Non	1
2					
3					
4					
5					

Comments	
1223834-01	
X Limited Volume	
10/31/2012	
Received on Ice (Y) or N	Received on Ice (Y) or N
Custody Seal (Y) or N	Samples Intact (Y) or N

Cooler Temperature on Receipt 1.6 °C

Please email all results in a NELAC-compliant Florida MDL PDF format to the PM listed above soon as possible.

Summit Environmental Technologies, Inc.
Cooler Receipt Form



Client: Pace Analytical

Ord Order ID: 1223834

COOLER

Log the contents: _____

Date Received: 10/3/12 Time Received: 1000 Date opened: 10/3/12

Number of Coolers/Boxes: 1 N/A Unpacked by: _____

Shipper: FED EX UPS DHL Airborne US Postal Walk-in Pickup Other: _____

Packaging: Bubble Wrap Peanuts Paper Foam None Other: _____

Tape on cooler/box: Y N N/A

Custody Seals intact Y N N/A

C-O-C in plastic X N N/A

Coolant: Ice X Blue ice _____ Water _____ None _____ Sample Temperature 1.6 °C

C-O-C filled out properly Y N N/A

Samples in separate bags Y N N/A

Sample containers intact Y N N/A

*If no, list broken sample(s): _____

Sample label(s) complete (ID, date, etc.) Y N N/A

Label(s) agree with C-O-C Y N N/A

Correct containers used X N N/A

Sufficient sample received Y N N/A

Samples at correct pH? (list below) Y N NA

Bubbles absent from 40 mL vials** Y N NA

** Samples with bubbles less than the size of a pea are acceptable.

Client contact: _____ Date/Time: _____

Comments: _____

Sample ID	pH	Sample ID	pH



LABORATORY REPORT

Client

Pace Analytical
3610 Park Central Blvd N
Pompano Beach, FL 33064

Order Number

1223834

Project Number

3569722

Issued

Tuesday, October 09, 2012

Total Number of Pages

4 (excluding C.O.C. and cooler receipt form)

Approved By :

QA Manager



Certifications: A2LA/DOD 0724.01, Alabama 41600, Arkansas 88-0735, California 07256CA, Colorado, Connecticut PH-0105, Delaware, Florida NELAC E87688, Georgia E87688 and 943, Idaho OH00923, Illinois 200061 and Reg.5, Indiana C-OH-13, Kansas E-10347, Kentucky (underground Storage Tank) 3, Kentucky 90146, Louisiana 04061 and LA12004, Maine 2012015, Maryland 339, Massachusetts M-OPH923, Michigan (Reg.5), Minnesota 409711, Montana CERT0099, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, Ohio 4170, Ohio VAP CL0052, Oklahoma 9940, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Tennessee TN04018, Texas T104704466-11-5, Region 5 WG-15J, Region 8 8TMS-L, USDA/APHIS P330-11-00244, Utah OH009232011-1, Vermont VT-87688, Virginia 00440 and 1581, Washington C891, West Virginia 248 and 9957C and E87688, Wisconsin 399013010

"Analytical Integrity" • EPA Certified • NELAP Certified

3310 Win Street • Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 • Fax: 330-253-4489

Web Site: www.settek.com

Sample Summary

Client: Pace Analytical

Order Number: 1223834

Laboratory ID	Client ID	Matrix	Sampling Date
1223834-01	3569722001	Liquid	9/27/2012

Report Narrative

Client: Pace Analytical

Order Number: 1223834

No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:

B = Analyte found in the method blank

J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)

C = Analyte has been confirmed by another instrument or method

E = Analyte exceeds the upper limit of the calibration curve.

D = Sample or extract was analyzed at a higher dilution

X = User defined data qualifier.

S = Surrogate out of control limits

U = Undetected

a = Not Accredited by NELAC

ND = Non Detected at LOQ

DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)

Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:

A = Air

C = Cream

DW = Drinking Water

L = Liquid

O = Oil

SL = Sludge

SO = Soil

S = Solid

T = Tablet

TC = TCLP Extract

WW = Waste Water

W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

Summit

ENVIRONMENTAL TECHNOLOGIES, INC.

Analytical Laboratories

October 09, 2012

Client: Pace Analytical
Address: 3610 Park Central Blvd N
Pompano Beach, FL 33064

Received: 10/3/2012
Project #: 3569722

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOD	LOQ	Run Analyst
3569722001	1223834-01	27-Sep-12	EOX	ND	ppm	L	9023	1	180	200	04-Oct-12 VVK

"Analytical Integrity"

3310 Win Street Cuyahoga Falls, Ohio 44223

Phone: 330-253-8211 Fax: 330-253-4489

NELAP Certified
Web Site: www.settek.com



WO#: 3569722



3569722

STUDY RECORD

Quote: _____ Page _____ of _____

Company Name: ANTHROPIC DWEL PO#
Address: 820.5 NW 58 ST
City: MIAMI State: FL Zip: 33166
Attn: KEITH DE LUCA Fax#
email: Phone: 786 371 7325

Project Name: _____ Proj # _____
Sampler Signature: _____ Circle One Event: Daily Weekly Monthly
Quarterly Semi-Annual Annual N/A

Sample ID: _____ Collect Date: _____ Collect Time: _____ Matrix Code: _____
Field Filtered: _____ Field Analyzed: _____ Total # of Containers: _____

1 Kelly Vander 9/27 11:20 AM 1

2

3

4

5

6

7

8

9

10

Circle QA/QC Report Level: 1 2 3 4 CLP AFCEE QAPP Other

Short Hold: Y N

Relinquished by: _____ Date: _____ Affiliation: _____

1 9/28/12 10:00 PACE

2 9/28/12 15:40 PACE

3 9/28/12 17:30 PACE

4 9/28/12 18:25 PACE

Received by: _____ Date: _____ Affiliation: _____

EDD (Fees May Apply): ADAPT SEDD ERPMIS TSV CSV Other

Required State Certification: FL GA SC NC NJ PA LA TX IL

LAB ANALYSIS

Sample: _____ TRC: _____ pH: _____ Pres. Code: _____

Parameters: _____

Flashpoint: Pas

Sulfur

Acid, Pb, Cr

Notes

Tox

EXAMPLE

Diss. Lead 6010

16ozP

of Containers: _____

Size Type: _____

1

2

3

4

5

6

7

8

9

10

Container Type Codes	
AV	Amber Vial
CV	Clear Vial
EP	Enore Simpler
FPV	Prepreserved Vial
P	Plastic container
PLC	Plastic
PLJ	Plastic Jar
Z	Zinc bag
AP	Amber Plastic
TB	Tedlar bag
WP	Whirl pak
AG	Amber Glass
SJ	Soil Jar
G	Gallon Jug
TC	Tetra-core
Other	Prepreserved Vial 30oz or 1L, other
State	40ml 300ml 250ml 125 ml
Example	4ozP = 4oz Plastic, 8ozSJ = 8oz Soil Jar

Matrix Codes	
SD	Solid Waste
GW	Ground Water
EFF	Effluent
APW	Analyte Free H2O
WV	Waste Water
DW	Drinking Water
SW	Surface Water
ML	Misc. Liquid
OL	Oil
SL	Sludge
SO	Soil Sediment
AO	Aqueous
NA	Non-aqueous
NE	Non-aqueous
O	Other (please specify)

Preservative Type Codes	
A	None
B	HNO3
C	H2SO4
D	NaOH
E	HCL
F	MeOH
G	Na2S2O3
H	NaHSO4
I	Ice
J	MCAA
K	Zn Acetate
O	Other

REMARKS

Paid w/ Check
\$388.00
Check # 130223

2795 LI

Coolers #s - Temp °C	
1	2
3	4
5	

C.O.C. Serial # 48784

Pompano Lab 954-582-4300
Division: FALL-C-007-Rev00
9/28/12 20:00 PACE
9/29/12 00:10 PACE

	Document Name: Sample Condition Upon Receipt Form	Document Revised: September 23, 2011
	Document No.: F-FL-C-007 rev. 04	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Pantropic

Project # 3569722

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace

☐ Other _____

Tracking # _____

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

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used T113 Type of Ice: Wet Blue None

Cooler Temperature °C 0.9 (Visual) -0.0 (Correction Factor) 0.9 (Actual)

Date and Initials of person examining contents: MD 9/29/11

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

☐ Yes ☐ No

Receipt of samples satisfactory:

☐ Yes ☐ No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

If no, then mark box & describe issue (use comments area if necessary):

Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☒ ?
Correct Containers Used	☒ (1) container for in house Analysis & Sub out
Containers Intact	☐ (1) W690 container
Sample Labels match COC (sample IDs & date/time of collection)	☐
	No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____

Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

☐ 5 Gal
☐ 2.5 Gal
☐ 1 Gal
☐ 1 Liter
☐ 500 mL
☐ 250 mL
☐ Other: _____

Extra Sample In Shed: Yes No

ANALYTICAL RESULTS

Project: OIL SAMPLE
Pace Project No.: 3580442

Sample: OIL PUMP AS BOILER Lab ID: 3580442001 Collected: 01/18/13 00:00 Received: 01/18/13 11:49 Matrix: Non Aqueous Liquid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3580									
PCB-1016 (Aroclor 1016)	0.10U	mg/kg	0.17	0.10	10	01/24/13 23:00	01/25/13 12:18	12674-11-2	M6
PCB-1221 (Aroclor 1221)	0.080U	mg/kg	0.17	0.080	10	01/24/13 23:00	01/25/13 12:18	11104-28-2	
PCB-1232 (Aroclor 1232)	0.085U	mg/kg	0.17	0.085	10	01/24/13 23:00	01/25/13 12:18	11141-16-5	
PCB-1242 (Aroclor 1242)	0.028U	mg/kg	0.17	0.028	10	01/24/13 23:00	01/25/13 12:18	53469-21-9	
PCB-1248 (Aroclor 1248)	0.11U	mg/kg	0.17	0.11	10	01/24/13 23:00	01/25/13 12:18	12672-29-6	
PCB-1254 (Aroclor 1254)	0.068U	mg/kg	0.17	0.068	10	01/24/13 23:00	01/25/13 12:18	11097-69-1	
PCB-1260 (Aroclor 1260)	0.10U	mg/kg	0.17	0.10	10	01/24/13 23:00	01/25/13 12:18	11096-82-5	M6
Surrogates									
Tetrachloro-m-xylene (S)	109 %		10-130		10	01/24/13 23:00	01/25/13 12:18	877-09-8	
Decachlorobiphenyl (S)	108 %		10-130		10	01/24/13 23:00	01/25/13 12:18	2051-24-3	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	0.85U	mg/kg	1.7	0.85	1	01/26/13 04:29	01/26/13 11:30	7440-38-2	
Cadmium	0.085U	mg/kg	0.17	0.085	1	01/26/13 04:29	01/26/13 11:30	7440-43-9	
Chromium	0.43U	mg/kg	0.85	0.43	1	01/26/13 04:29	01/26/13 11:30	7440-47-3	
Lead	0.94 I	mg/kg	1.7	0.85	1	01/26/13 04:29	01/26/13 11:30	7439-92-1	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	9.3 %		0.10	0.10	1		01/24/13 09:24		
1010 Flashpoint, Closed Cup Analytical Method: EPA 1010									
Flashpoint	89.64	deg F	1.0	1.0	1		01/29/13 15:00		
ASTM D4239-05 Sulfur Analytical Method: ASTM D4239-05									
Sulfur	1.28	% (w/w)	0.020		1		01/22/13 13:40		N2

QUALITY CONTROL DATA

Project: OIL SAMPLE
Pace Project No.: 3580442

QC Batch: MPRP/11978 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 3580442001

METHOD BLANK: 551015 Matrix: Solid
Associated Lab Samples: 3580442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	0.26U	0.51	01/26/13 11:13	
Cadmium	mg/kg	0.026U	0.051	01/26/13 11:13	
Chromium	mg/kg	0.13U	0.26	01/26/13 11:13	
Lead	mg/kg	0.26U	0.51	01/26/13 11:13	

LABORATORY CONTROL SAMPLE & LCSD: 551016

551023

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Arsenic	mg/kg	12.4	12.5	12.6	100	103	80-120	1	20	
Cadmium	mg/kg	1.2	1.3	1.3	105	107	80-120	.6	20	
Chromium	mg/kg	12.4	12.8	12.9	103	105	80-120	.6	20	
Lead	mg/kg	12.4	12.6	12.8	101	104	80-120	1	20	

QUALITY CONTROL DATA

Project: OIL SAMPLE
Pace Project No.: 3580442

QC Batch: OEXT/11287 Analysis Method: EPA 8082
QC Batch Method: EPA 3580 Analysis Description: 8082 GCS PCB Oil
Associated Lab Samples: 3580442001

METHOD BLANK: 548066 Matrix: Non Aqueous Liquid
Associated Lab Samples: 3580442001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	0.00034U	0.00057	01/25/13 10:13	
PCB-1221 (Aroclor 1221)	mg/kg	0.00027U	0.00057	01/25/13 10:13	
PCB-1232 (Aroclor 1232)	mg/kg	0.00028U	0.00057	01/25/13 10:13	
PCB-1242 (Aroclor 1242)	mg/kg	0.000093U	0.00057	01/25/13 10:13	
PCB-1248 (Aroclor 1248)	mg/kg	0.00036U	0.00057	01/25/13 10:13	
PCB-1254 (Aroclor 1254)	mg/kg	0.00023U	0.00057	01/25/13 10:13	
PCB-1260 (Aroclor 1260)	mg/kg	0.00034U	0.00057	01/25/13 10:13	
Decachlorobiphenyl (S)	%	118	10-130	01/25/13 10:13	
Tetrachloro-m-xylene (S)	%	110	10-130	01/25/13 10:13	

LABORATORY CONTROL SAMPLE: 548067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	.083	0.11	129	53-160	
PCB-1260 (Aroclor 1260)	mg/kg	.083	0.10	121	53-160	
Decachlorobiphenyl (S)	%			112	10-130	
Tetrachloro-m-xylene (S)	%			129	10-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 548068 548069

Parameter	Units	3580442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
PCB-1016 (Aroclor 1016)	mg/kg	0.10U	2.5	2.5	5.6	2.8	222	110	53-160	67	40 J(D6), M6
PCB-1221 (Aroclor 1221)	mg/kg	0.080U			0.080U	0.080U				40	
PCB-1232 (Aroclor 1232)	mg/kg	0.085U			0.085U	0.085U				40	
PCB-1242 (Aroclor 1242)	mg/kg	0.028U			0.028U	0.028U				40	
PCB-1248 (Aroclor 1248)	mg/kg	0.11U			0.11U	0.11U				40	
PCB-1254 (Aroclor 1254)	mg/kg	0.068U			0.068U	0.068U				40	
PCB-1260 (Aroclor 1260)	mg/kg	0.10U	2.5	2.5	4.6	3.3	185	131	53-160	34	40 M6
Decachlorobiphenyl (S)	%						114	90	10-130		
Tetrachloro-m-xylene (S)	%						105	95	10-130		

QUALITY CONTROL DATA

Project: OIL SAMPLE

Pace Project No.: 3580442

QC Batch: PMST/5264

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 3580442001

SAMPLE DUPLICATE: 910290

Parameter	Units	3580442001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.3	8.7	7	25	

SAMPLE DUPLICATE: 910291

Parameter	Units	92145815011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.6	20.5	0	25	

QUALITY CONTROL DATA

Project: OIL SAMPLE

Pace Project No.: 3580442

QC Batch: WET/17360

Analysis Method: EPA 1010

QC Batch Method: EPA 1010

Analysis Description: 1010 Flash Point, Closed Cup

Associated Lab Samples: 3580442001

SAMPLE DUPLICATE: 552322

Parameter	Units	3580442001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	89.64	89.64			

QUALIFIERS

Project: OIL SAMPLE
Pace Project No.: 3580442

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.

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
PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach
PASI-V	Pace Analytical Services - Virginia

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(D6)	Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
N2	The lab does not hold TNI accreditation for this parameter.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OIL SAMPLE
Pace Project No.: 3580442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3580442001	OIL PUMP AS BOILER	EPA 3580	OEXT/11287	EPA 8082	GCSV/7721
3580442001	OIL PUMP AS BOILER	EPA 3050	MPRP/11978	EPA 6010	ICP/7717
3580442001	OIL PUMP AS BOILER	ASTM D2974-87	PMST/5264		
3580442001	OIL PUMP AS BOILER	EPA 1010	WET/17360		
3580442001	OIL PUMP AS BOILER	ASTM D4239-05	WET/23901		

3580442

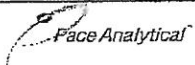
3580442

Proper Containers Used: ACC

Pompano Lab 954-582-4300

C.O.C. Serial #

6364

	Document Name:	Document Revised:
	Sample Condition Upon Receipt Form	September 23, 2011
	Document No.: F-FL-C-007 rev. 04	Issuing Authorities: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: PANTHORE power Project # 3580412

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other _____

Tracking # _____

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

Date and Initials of person examining contents: SA 1/18/13

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used 708 Type of Ice: Wet Blue None

Cooler Temperature °C 14.2 (Visual) 0-1 (Correction Factor) 14.3 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

If no, then mark box & describe issue (use comments area if necessary):

Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐
	No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Size & Qty of Bottles Received

Production Code: _____

_____ x 5 Gal

_____ x 2.5 Gal

_____ x 1 Gal

Date/Time Opened: _____

_____ x 1 Liter

_____ x 500 mL

Number of Unopened Bottles Remaining: _____

_____ x 250 mL

_____ x Other: _____

Extra Sample in Shed: Yes No



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

Summit Environmental Technologies, Inc.

3310 Win St.

Cuyahoga Falls, Ohio 44223

TEL: (330) 253-8211 FAX: (330) 253-4489

Website: <http://www.settek.com>

January 25, 2013

Terrence Anderson
Pace Analytical
3610 Park Central Blvd N
Pompano Beach, FL 33064
TEL:
FAX:

RE: 3580442

Order No.: 13010239

Dear Terrence Anderson:

Summit Environmental Technologies, Inc. received 1 sample(s) on 1/21/2013 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results designated with a "J" qualifier are estimated and represent a detection above the Method Detection Limit (MDL) and less than the Reporting Limit (PQL). These analytes are not reviewed nor narrated as to whether they are laboratory artifacts.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Dr. Mo Osman

CC:

Christina Raschke

Tom Savarese

3310 Win St.
Cuyahoga Falls, Ohio 44223

Original

Page 1 of 5



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Workorder Sample Summary

WO#: 13010239
25-Jan-13

CLIENT: Pace Analytical
Project: 3580442

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
13010239-001	3580442001		1/18/2013 1:00:00 PM	1/21/2013 9:00:00 AM	Oil



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

Case Narrative

WO#: 13010239
Date: 1/25/2013

CLIENT: Pace Analytical
Project: 3580442

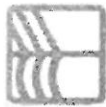
This report in its entirety consists of the documents listed below. All documents contain the Summit Environmental Technologies, Inc. Work Order Number assigned to this report.

1. Paginated Report including: Case Narrative, Analytical Results and Applicable Quality Control Summary Reports.
2. A Cover Letter that immediately precedes the Paginated Report.
3. Paginated copies of the Chain of Custody Documents supplied with this sample set.

Concentrations reported with a J flag in the Qual field are values below the reporting limit (LOQ) but greater than the established method detection limit (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

Concentrations reported with an E flag in the Qual field are values that exceed the upper quantification range. There is greater uncertainty associated with these results and data should be considered as estimated.

Any comments or problems with the analytical events associated with this report are noted below.



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories
Summit Environmental Technologies, Inc.
3310 Win St
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

WO#: 13010239
Date Reported: 1/25/2013
Company: Pace Analytical
Address: 3610 Park Central Blvd N
Pompano Beach FL 33064
Received: 1/21/2013
Project#: 3580442

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOD	LOQ	Run	Analyst
------------	---------	-----------	---------	--------	-------	--------	--------	----	-----	-----	-----	---------

3580442001	001	1/18/2013	Extractable Organic Halides	120	mg/L	Oil	SW9023	1	50	200	1/21/2013	VVK
------------	-----	-----------	-----------------------------	-----	------	-----	--------	---	----	-----	-----------	-----



SUMMIT
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Analytical Laboratories

Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 13010239
25-Jan-13

Client: Pace Analytical
Project: 3580442

TestCode: EOX_Oil(9023)

Sample ID: MB-R245	SampType: MBLK	TestCode: EOX_Oil(9023	Units: mg/L	Prep Date:	RunNo: 245						
Client ID: PBW	Batch ID: R245	TestNo: SW9023		Analysis Date: 1/18/2013	SeqNo: 3138						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organic Halides	ND	200									U

Sample ID: LCS-R245	SampType: LCS	TestCode: EOX_Oil(9023)	Units: mg/L	Prep Date:	RunNo: 245						
Client ID: LCSW	Batch ID: R245	TestNo: SW9023		Analysis Date: 1/18/2013	SeqNo: 3139						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organic Halides	520	200	500.0	0	104	70	130				

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
M Manual Integration used to determine area response
PL Permit Limit
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

C Value is below Minimum Compound Limit.
J Analyte detected below quantitation limits
P Second column confirmation exceeds
RL Reporting Detection Limit

Original
Page 5 of 5

Chain of Custody



Workorder: 3580442

Workorder Name: OIL SAMPLE

Results Requested 1/28/2013

Report / Invoice To

Terrence Anderson

Pace Analytical South Florida
3610 Park Central Blvd N
Pompano Beach, FL 33064
Phone 954-582-4300

Email: terrence.anderson@paceanlabs.com

P.O. ELB-0139

Summit ENV
Cuyahoga, OH

Subcontract To

Requested Analysis

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers		Comments	LAB USE ONLY
					Unpreserved	Preserved		
1	OIL PUMP AS BOILER	1/18/2013 00:00	3550442001	Non	1			
2								
3								
4								
5								

13010239-01

Transfers	Released By	Date/Time	Received By	Date/Time	Received on Ice	Y or N	Samples Intact	Y or N
1	SA	1/18/13 PM						
2								
3								

Cooler Temperature on Receipt °C

5

January 29, 2013

Jack Killmer
Pantropic Power Inc
8205 NVV 58th St.
Miami, FL 33166

RE: Project: OIL SAMPLE
Pace Project No.: 3580442

Dear Jack Killmer:

Enclosed are the analytical results for sample(s) received by the laboratory on January 18, 2013. 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.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

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

Sincerely,



Terrence Anderson

terrence.anderson@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: OIL SAMPLE
Pace Project No.: 3580442

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236

Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pace Analytical Services - Ormond certification number
E83509
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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

Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

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
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: OIL SAMPLE
Pace Project No.: 3580442

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3580442001	OIL PUMP AS BOILER	Non Aqueous	01/18/13 00:00	01/18/13 11:49

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: OIL SAMPLE
Pace Project No.: 3580442

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3580442001	OIL PUMP AS BOILER	EPA 8082	JLG	9	PASI-O
		EPA 6010	JTJ	4	PASI-O
		ASTM D2974-87	TNM	1	PASI-C
		EPA 1010	KHC	1	PASI-O
		ASTM D4239-05	SDH	1	PASI-A
		ASTM D4239-05	SDH	1	PASI-V

REPORT OF LABORATORY ANALYSIS

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