Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
6681 Southpoint Pkwy Jacksonville, FL 32216
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904)363-9350
Fax: (904)363-9354

January 20, 2017

Brian Brown
Ring Power Corporation
500 World Commerce Parkway
Saint Augustine, FL 32092

RE: Workorder: J1700540 Ocala

Dear Brian Brown:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, January 17, 2017. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

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

Sincerely,

Paul Gunsaulies - Project Manager
PGunsaulies@AELLab.com

Enclosures

CERTIFICATE OF ANALYSIS

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SAMPLE SUMMARY

Workorder: J1700540 Ocala

Lab ID	Sample ID	Matrix	Date Collected	Date Received
J1700540001	Waste Paint	Waste	1/12/2017 15:30	1/17/2017 12:05
J1700540002	Filter Residue	Soil	1/12/2017 15:35	1/17/2017 12:05

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ANALYTICAL RESULTS

Workorder: J1700540 Ocala

Lab ID: **J1700540001** Date Received: 01/17/17 12:05 Matrix: Waste

Sample ID: **Waste Paint** Date Collected: 01/12/17 15:30

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS, TCLP								
Analysis Desc: SW846 6010B Analysis,TCLP	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Arsenic	**0.085**	**U**	**mg/L**	**1**	0.10	0.085	1/19/2017 16:09	J
Barium	**1.3**		**mg/L**	**1**	0.020	0.0028	1/19/2017 16:09	J
Cadmium	**0.0032**	**U**	**mg/L**	**1**	0.0060	0.0032	1/19/2017 16:09	J
Chromium	**0.015**		**mg/L**	**1**	0.010	0.0050	1/19/2017 16:09	J
Lead	**0.19**		**mg/L**	**1**	0.070	0.013	1/19/2017 16:09	J
Selenium	**0.068**	**U**	**mg/L**	**1**	0.20	0.068	1/19/2017 16:09	J
Silver	**0.0044**	**U**	**mg/L**	**1**	0.040	0.0044	1/19/2017 16:09	J
Analysis Desc: SW846 7470A Analysis,TCLP	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000072**	**I**	**mg/L**	**1**	0.00050	0.000055	1/20/2017 13:06	J

Lab ID: **J1700540002** Date Received: 01/17/17 12:05 Matrix: Soil

Sample ID: **Filter Residue** Date Collected: 01/12/17 15:35

Results for sample J1700540002 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS, TCLP								
Analysis Desc: SW846 6010B Analysis,TCLP	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Arsenic	**0.085**	**U**	**mg/L**	**1**	0.10	0.085	1/19/2017 16:13	J
Barium	**1.2**		**mg/L**	**1**	0.020	0.0028	1/19/2017 16:13	J
Cadmium	**0.0096**	**I**	**mg/L**	**1**	0.060	0.0032	1/19/2017 16:13	J
Chromium	**0.0062**	**I**	**mg/L**	**1**	0.040	0.0050	1/19/2017 16:13	J
Lead	**0.013**	**U**	**mg/L**	**1**	0.070	0.013	1/19/2017 16:13	J
Selenium	**0.068**	**U**	**mg/L**	**1**	0.20	0.068	1/19/2017 16:13	J
Silver	**0.0065**	**I**	**mg/L**	**1**	0.040	0.0044	1/19/2017 16:13	J
Analysis Desc: SW846 7470A Analysis,TCLP	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000060**	**I**	**mg/L**	**1**	0.00050	0.000055	1/20/2017 13:09	J

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ANALYTICAL RESULTS QUALIFIERS

Workorder: J1700540 Ocala

PARAMETER QUALIFIERS

U	The compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

J	DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: J1700540 Ocala

QC Batch: DGMj/2428 Analysis Method: SW-846 6010

QC Batch Method: SW-846 3010A Prepared: 01/19/2017 09:50

Associated Lab Samples: J1700540001, J1700540002

METHOD BLANK: 2250758

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	mg/L	0.00044	0.00044	U
Arsenic	mg/L	0.0085	0.0085	U
Barium	mg/L	0.00028	0.00028	U
Cadmium	mg/L	0.00032	0.00032	U
Chromium	mg/L	0.00050	0.00050	U
Lead	mg/L	0.0013	0.0013	U
Selenium	mg/L	0.0068	0.0068	U

QC Batch: DGMj/2434 Analysis Method: SW-846 7470A

QC Batch Method: SW-846 7470A Prepared: 01/20/2017 09:05

Associated Lab Samples: J1700540001, J1700540002

METHOD BLANK: 2251457

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/L	0.000011	0.000011	U

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: J1700540 Ocala

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
J1700540001	Waste Paint	SW-846 3010A	DGMj/2428	SW-846 6010	ICPj/1728
J1700540002	Filter Residue	SW-846 3010A	DGMj/2428	SW-846 6010	ICPj/1728
J1700540001	Waste Paint	SW-846 7470A	DGMj/2434	SW-846 7470A	CVAj/1316
J1700540002	Filter Residue	SW-846 7470A	DGMj/2434	SW-846 7470A	CVAj/1316

Advanced Environmental Laboratories, Inc.

☐ Altamonte Springs: 380 Northlake Blvd., Suite 1048
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☐ Miramar: 10200 USA Today Way • Miramar, FL 33025 •
☐ Tallahassee: 2639 North Monroe Street, Suite D • Tallal
☐ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813

J1700540

1597

Client Name:	Ring Power Corporation	Project Name:	Ocala
Address:	500 World Commerce Parkway	P.O. Number or Project Number:	
	St. Augustine, Florida 32092	FDEP Facility No:	
Phone:	904-494-1417	Project Address:	
FAX:	904-494-1119	Special Instructions:	
Contact:	Brian Brown		
Sampled By:			
Turn Around Time:	☐ STANDARD ☐ RUSH		
Page: ___ of ___		☐ ADaPT ☐ EQuIS ☐ Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED: TCLP 8 metals	LABORATORY I.D. NUMBER
1	Waste Paint		1/12	3:30 PM	WS	1		x	001
2	Filter Residue		1/12	3:35 PM	SO	1		x	002

BOTTLE SIZE & TYPE

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received 4 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Jim Cato	1/12	5:30pm	Brian Brown	1/13/17	0800
2	Brian Brown	1/16	11:00AM	[illegible]	1/17/17	1170
3	Donnie Bass	1/17/17	1205	[illegible]	1-17-17	1205
4						

FOR DRINKING WATER USE:

PWS ID:

Contact Person: Phone:

Supplier of Water:

Site-Address:

Advanced Environmental Labs Inc

Client: Rsg Power Corp Project name: Ocala

Date/Time Rcvd: 1-17-17 12:05 Log-In request number: J1700540

Received by: BY Completed by: BA

Cooler/Shipping Information:

Courier: ☒ AEL ☐ Client ☐ UPS ☐ Blue Streak ☐ FedEx ☐ AES ☐ ASAP ☐ Other (describe):_____

Type: ☒ Cooler ☐ Box ☐ Other (describe) _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

Cooler ID					
Temp (°C)	4°C				
Temp taken from	☒ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler
Temp measured with	☒ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):

Other Information:

Any discrepancies should be explained in the "Comments" section below.

CHECKLIST	YES	NO	NA
1. Were custody seals on shipping container(s) intact?			✓
2. Were custody papers properly included with samples?	✓		
3. Were custody papers properly filled out (ink, signed, match labels)?	✓		
4. Did all bottles arrive in good condition (unbroken)?	✓		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	✓		
6. Did the sample labels agree with the chain of custody?	✓		
7. Were correct bottles used for the tests indicated?	✓		
8. Were proper sample preservation techniques indicated on the label?	✓		
9. Were samples received within holding times?	✓		
10. Were all VOA vials free of the presence of air bubbles?			✓
11. Have all Soil VOA Vials and Encores been placed in a freezer within 48 hours of collection?			✓
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	✓		
13. Was the cooler temperature less than 6°C?	✓		
14. Where pH preservation is required, are sample pHs checked and any anomalies recorded by Sample control? Are all <2 or >10? Note: VOA samples are checked by laboratory analysts.			✓
15. Was sufficient sample volume provided to perform all tests?	✓		
16. If for Bacteriological testing, were containers supplied by AEL? (See QA officer if answer is no)			✓
17. Were all sample containers provided by AEL? (Other than Bacteriological)		✓	
18. Were samples accepted into the laboratory?	✓		
19. When necessary to split samples into other bottles, is it noted in the comments?	✓		

Comments: (Note all sample(s) and container (s)" with a "No" checklist response in this comment section)

Received in 32oz mason jars

DCN: AD-D048
Eff date 2/3/10, Last rev 9/6/16