

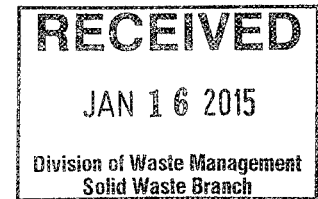


October 13, 2014

Mr. Danny Anderson
Division of Waste Management
200 Fair Oaks Drive
Frankfort, Kentucky 40601

WQR removed RCG

RE: Advanced Disposal Blue Ridge Landfill, Inc.
Fourth Quarter 2014 Waste Quantity Report
Permit No. SW033-00004



Dear Mr. Anderson:

In compliance with Kentucky Solid Waste Management Regulation 401 KAR 47:190; Section 8,(1), Advanced Disposal Blue Ridge Landfill, Inc. is submitting the Fourth Quarter Report for 2014. This report contains the following:

- (a) Fourth Quarter 2014 construction activities:
 - No Construction was performed at Blue Ridge Landfill during the Fourth Quarter 2014
- (b) Monthly volume of waste received from each source:
 - The volume of waste received in the Fourth Quarter of 2014 is included on DEP Form 7046.
- (c) Description of compliance with coverage requirements:
 - Blue Ridge Landfill utilized approximately 11,650 cubic yards of soil for daily and intermediate cover during the Fourth Quarter of 2014.
 - In addition to soil daily cover, Blue Ridge Landfill is currently using Belton Style 113 tarp for alternate daily cover.
- (d) Environmental monitoring results indicating surface water, ground water, methane and other permits requirements:
 - The Surface Water Monitoring was performed on October 13, 2014. The report for the Fourth Quarter of 2014 was submitted to the Division of Waste Management on December 12, 2014.



**Advanced
Disposal**

- Groundwater sampling was performed on October 13, 2014. The Groundwater Monitoring Report was submitted to the Division of Waste Management on December 12, 2014.
 - Methane Monitoring was performed on October 13, 2014. The results of the methane monitoring for the Fourth Quarter 2014 is included in this report.
 - The amount of non-hazardous solidified waste is included in this report
- (e) The quantity and quality of leachate removed from the site and quantity of leachate recirculated, where disposed of, and method of disposal:
- A total of 1,061,952.00 gallons of leachate were disposed during the Fourth Quarter of 2014.
 - The leachate is sampled and analyzed monthly as required by the Irvine Municipal Utilities (IMU) permit. A copy of the leachate analysis for the Fourth Quarter of 2014 is included in this report.
 - The leachate was disposed at IMU wastewater treatment facility located in Irvine, Kentucky via a direct connection to the IMU sewer system.
 - Blue Ridge Landfill did not recirculate any leachate during the Fourth Quarter of 2014.

The site is currently filling in Phase 9 using a Caterpillar 826H Compactor. Blue Ridge began disposing waste in Phase 9 during the Fourth Quarter of 2012 and will continue and proceed in Phase 9. Blue Ridge continues to pick up blown litter and perform site clean up.

Sincerely,

Billy Bowles

Site Manager

Blue Ridge Landfill



FOURTH QUARTER 2014 REPORT

ADVANCED DISPOSAL BLUE RIDGE LANDFILL, INC
Estill County

Permit/Registration No.: SW033-00004

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations.

Billy P. Bowles
SIGNATURE

1/14/15
DATE

Billy Bowles
NAME-PLEASE PRINT

This "certification clause" shall be signed by the responsible person(s) described in 401KAR 47:160, Section 6(1) and/or (2) and is required by 401 KAR 47:160, Section 6(4). This "clause" may be incorporated into a cover letter and attached to this submission. This clause shall accompany every report submitted to this office.



December 15, 2014

B. F. Williams II
Irvine Municipal Utilities
238 Broadway
Irvine, KY 40336

RE: Advanced Disposal Services Blue Ridge Landfill, Inc.
November 2014 Industrial User Self-Monitoring Report
Permit # 2012-Veolia-01

Dear Mr. Williams:

The November 2014 wastewater discharge sampling has been completed for the Advanced Disposal Services Blue Ridge landfill site in Irvine, Kentucky. Please find the industrial user self monitoring report for the Blue Ridge landfill site attached. As required, this report is accompanied by a copy of the laboratory analytical sheets and a copy of the chain of custody.

If you have any questions or require additional information, please contact me at (606) 723-5559.

Sincerely,
BLUE RIDGE LANDFILL, INC.

Billy Bowles
Landfill Operations Manager

Irvine Municipal Utilities Industrial Pretreatment Program
Summary of Laboratory Analysis

Advanced Disposal Services Blue Ridge Landfill, Inc
Report Generated 12/15/2014

Sample Date	Effluent Limitations													Wastewater Flow (in gpd)
	Arsenic (lb/d)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Cyanide (mg/l)	Lead (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Zinc (mg/l)	Naphtha (mg/L)	pH (SU)	
06-Nov-14	0.558	0.0269	12.6	0.5883	0.8942	0.4541	0.0106	0.3297	0.0659	0.2046	1.2808	131.724	5.0 to 9.0	10,626
	0.0188												7.85	

Sample Date	Surcharge Limitations					Surcharge Calculation									
	NH ₃ -N (mg/l)	BOD ₅ (mg/l)	COD (mg/l)	TSS (mg/l)	O & G (mg/l)	NH ₃ -N excess loading	BOD ₅ excess loading	COD excess loading	TSS excess loading	O & G excess loading	NH ₃ -N (per lb)	BOD ₅ (per lb)	COD (per lb)	TSS (per lb)	O & G (per lb)
06-Nov-14	30	275	300	275	100	pounds per day	pounds per day	pounds per day	pounds per day	pounds per day	\$2.71	\$0.79	\$0.79	\$0.79	0.49
	872		2110			74.62	0.00	160.40	0.00	0.00	202.22	-	126.72	-	-
						0.00	0.00	0.00	0.00	0.00	-	-	-	-	-
						0.00	0.00	0.00	0.00	0.00	-	-	-	-	-

Technical Review Criteria (TRC) violations are noted with "XX" - violations less than TRC are noted with "X".

Input laboratory results that are below a given detection limit as half the detection limit.

Total Surcharge Assigned This Period	\$328.94
--------------------------------------	----------

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (signed)

Billy P. Dawkins

November 24, 2014

Dan Fleshour
Advanced Disposal Blue Ridge Landfill, LLC
2700 Winchester Rd
Irvine, KY 40336

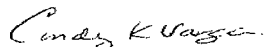
RE: Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Dear Dan Fleshour:

Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2014. 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.

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

Sincerely,



Cindy Varga
cindy.varga@pacelabs.com
Project Manager

Enclosures

cc: Kari Wallover, Cornerstone Environmental Group, LLC



REPORT OF LABORATORY ANALYSIS

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

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40106695001	LEACHATE	Water	11/06/14 12:20	11/07/14 09:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40106695001	LEACHATE	EPA 6010	DLB	1
			MAT	3
		EPA 350.1	DAW	1
		EPA 410.4	TMK	1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Sample: LEACHATE		Lab ID: 40106695001	Collected: 11/06/14 12:20	Received: 11/07/14 09:50	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010						
Arsenic	212 ug/L		20.0	1	11/11/14 06:30	11/11/14 15:56	7440-38-2	P4
Field Data		Analytical Method:						
Field pH	7.85 Std. Units			1		11/06/14 12:20		
Field Specific Conductance	15200 umhos/cm			1		11/06/14 12:20		
Temperature, Water (C)	25.74 deg C			1		11/06/14 12:20		
350.1 Ammonia, Distilled		Analytical Method: EPA 350.1 Preparation Method: EPA 350.1						
Nitrogen, Ammonia	872 mg/L		30.0	10	11/18/14 09:45	11/18/14 12:20	7664-41-7	
410.4 COD		Analytical Method: EPA 410.4 Preparation Method: EPA 410.4						
Chemical Oxygen Demand	2110 mg/L		200	1	11/13/14 16:47	11/13/14 19:19		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

QC Batch: MPRP/11074 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 40106695001

METHOD BLANK: 1080009 Matrix: Water
Associated Lab Samples: 40106695001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<20.0	20.0	11/11/14 15:17	

LABORATORY CONTROL SAMPLE: 1080010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	497	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1080011 1080012

Parameter	Units	1080011		1080012		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40106657002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Arsenic	ug/L	<6.8	500	500	499	494	100	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

QC Batch: WETA/26243 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia, Distilled
Associated Lab Samples: 40106695001

METHOD BLANK: 1084139 Matrix: Water
Associated Lab Samples: 40106695001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	<0.50	0.50	11/18/14 12:07	

LABORATORY CONTROL SAMPLE: 1084140

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	10	10.4	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1084141 1084142

Parameter	Units	40106893001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Nitrogen, Ammonia	mg/L	32.6	60	60	95.4	94.5	105	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1084143 1084145

Parameter	Units	40106999001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Nitrogen, Ammonia	mg/L	0.63J	20	20	22.5	21.8	109	106	90-110	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

QC Batch: WETA/26191 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 40106695001

METHOD BLANK: 1082336 Matrix: Water
Associated Lab Samples: 40106695001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<50.0	50.0	11/13/14 19:18	

LABORATORY CONTROL SAMPLE: 1082337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	504	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1082338 1082339

Parameter	Units	40106707001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Chemical Oxygen Demand	mg/L	374	526	526	861	851	92	91	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1082340 1082341

Parameter	Units	40106793001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Chemical Oxygen Demand	mg/L	<52.6	526	526	556	576	101	105	90-110	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

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.

PQL - Practical Quantitation 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.

ANALYTE QUALIFIERS

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BLUE RIDGE LEACHATE NOV 2014
Pace Project No.: 40106695

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40106695001	LEACHATE	EPA 3010	MPRP/11074	EPA 6010	ICP/9831
40106695001	LEACHATE		PM/		
40106695001	LEACHATE	EPA 350.1	WETA/26243	EPA 350.1	WETA/26251
40106695001	LEACHATE	EPA 410.4	WETA/26191	EPA 410.4	WETA/26199

REPORT OF LABORATORY ANALYSIS

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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.

4010060915
Page 11 of 12

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Advanced Disposal - Blue Ridge	Report To: Dan Fleshour	Attention: Dan Fleshour
Address: 2700 Winchester Rd. Irvine, KY 40336	Copy To: Karl Wallover (kwallover@cornerstoneed)	Company Name: Advanced Disposal
Email To: Dan.Fleshour@advanceddisposal.com	Purchase Order No.:	Address: 2700 Winchester Rd., Irvine, KY, 40336
Phone: (513) 985-8067 Fax:	Project Name: Leachate	Pace Quote Reference:
Requested Due Date/TAT: Standard TAT	Project Number:	Pace Project Manager: Cindy Varga
		Pace Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

SITE LOCATION
 GA IL IN MI NC
 OH SC WI OTHER KY

ITEM #	Section D Required Client Information		Valid Matrix Codes		MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Filtered (Y/N)	Requested Analytes	Pace Project Number Lab I.D.				
	SAMPLE ID		MATRIX	CODE			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other	Total Arsenic	Ammonia, COD				PH	Temp (Deg-C)	Conductivity (µS)	Residual Chlorine (P/P)
	One Character per box. (A-Z, 0-9 /, -)		DRINKING WATER	DW			DATE	TIME	DATE	TIME																			
	Samples IDs MUST BE UNIQUE		WASTE WATER	WW																									
1	Leachate	od Ph	WW	G			11/6	1220	25.74	2	1	1											X	X			N	2-2501p DC	
2		Cold																											
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>Keith Johnson</i>	11/6	1700					Y/N	Y/N	Y/N
UPI	11-7-14	0950	<i>[Signature]</i>	11-7-14	0950	1	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *Keith Johnson*

SIGNATURE of SAMPLER: *[Signature]* DATE Signed (MM/DD/YY): *11/06/14*

Temp in °C: _____
 Received on ice: _____
 Custody Sealed Cooler: _____
 Samples intact: _____



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: WO#: 40106695

Client Name: Advanced Disposal - Blue Ridge

Courier: Fed Ex UPS Client Pace Other:

Tracking #: 1Z 9DE6F3 1000 390 0



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

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR32 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 ICorr: 1 Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:
Date: 11-7-14
Initials: KB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, Short Hold Time Analysis, Containers Intact, etc.

Client Notification/ Resolution: If checked, see attached form for additional comments
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: Date: 11/10/14

**ADVANCED DISPOSAL SERVICES
EXPLOSIVE GAS MONITORING REPORT**

FACILITY: Blue Ridge Landfill
WEATHER CONDITIONS: Clear
RELATIVE HUMIDITY: 63%
PRECIPITATION IN LAST 24-HR: None
GAS INSTRUMENT TYPE: Landtec
DATE LAST CALIBRATED: 10/13/14

TESTED BY: K. Johnson
DATE: 10/13/14
BAROMETRIC PRESSURE: 29.94 in
WIND: Calm
MODEL: GEM 2000
CALIBRATION GAS: Methane

Gas Probe Location	Time	% LEL	% Gas	Threshold	Threshold Exceeded
GMP-3	15:00	0	0	100% LEL	No
GMP-9	15:05	0	0	100% LEL	No
GMP-10	15:10	0	0	100% LEL	No
GMP-111	15:15	0	0	100% LEL	No
GMP-113	15:20	0	0	100% LEL	No
GMP-114	15:25	0	0	100% LEL	No
GMP-115	15:35	0	0	100% LEL	No

Building Location	Time	Meter Working Properly
Scale House	15:40	Yes
Maintenance Bldg 1	15:43	Yes
Maintenance Bldg 2	15:45	Yes