



July 13, 2015

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

998
2Q
CMN 15-01

RE: Advanced Disposal Blue Ridge Landfill, Inc.
Second Quarter 2015 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 Second Quarter Report for 2015. This report contains the following:

- (a) Second Quarter 2015 construction activities:
 - No Construction was performed at Blue Ridge Landfill during the Second Quarter 2015
- (b) Monthly volume of waste received from each source:
 - The volume of waste received in the Second Quarter of 2015 is included on DEP Form 7046.
- (c) Description of compliance with coverage requirements:
 - Blue Ridge Landfill utilized approximately 17,075 cubic yards of soil for daily and intermediate cover during the Second Quarter of 2015.
 - 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 April 6, 2015. The report for the Second Quarter of 2015 was submitted to the Division of Waste Management on June 8, 2015.



- Groundwater sampling was performed on April 6, 2015. The Groundwater Monitoring Report was submitted to the Division of Waste Management on June 8, 2015.
 - Methane Monitoring was performed on April 6, 2015. The results of the methane monitoring for the Second Quarter 2015 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 1,890,564 gallons of leachate were disposed during the Second Quarter of 2015.
 - The leachate is sampled and analyzed monthly as required by the Irvine Municipal Utilities (IMU) permit. A copy of the leachate analysis for the Second Quarter of 2015 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 Second Quarter of 2015.

The site is currently filling in Phase 9 using a Caterpillar 826H Compactor. Blue Ridge began disposing waste in Phase 9 during the Second 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,

A handwritten signature in cursive script that reads "Billy P. Bowles". The signature is written in black ink and is positioned above a horizontal line.

Billy Bowles
Site Manager
Blue Ridge Landfill



SECOND QUARTER 2015 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

7/13/2015
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.

**ADVANCED DISPOSAL SERVICES
EXPLOSIVE GAS MONITORING REPORT**

FACILITY: Blue Ridge Landfill
WEATHER CONDITIONS: Overcast, ~70 degrees
RELATIVE HUMIDITY: 52%
PRECIPITATION IN LAST 24-HR: None
GAS INSTRUMENT TYPE: Landtec
DATE LAST CALIBRATED: 4/6/15

TESTED BY: K. Johnson
DATE: 4/6/15
BAROMETRIC PRESSURE: 30.12 in
WIND: 10 mph S
MODEL: GEM 2000
CALIBRATION GAS: Methane

Gas Probe Location	Time	% LEL	% Gas	Threshold	Threshold Exceeded
GMP-3	13:45	0	0	100% LEL	No
GMP-9	15:10	0	0	100% LEL	No
GMP-10	15:02	0	0	100% LEL	No
GMP-111	13:57	0	0	100% LEL	No
GMP-113	14:50	0	0	100% LEL	No
GMP-114	15:28	0	0	100% LEL	No
GMP-115	15:20	0	0	100% LEL	No

Building Location	Time	Meter Working Properly
Scale House	15:35	Yes
Maintenance Bldg 1	15:42	Yes
Maintenance Bldg 2	15:48	Yes



June 18, 2015

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

RE: Advanced Disposal Services Blue Ridge Landfill, Inc.
May 2015 Industrial User Self-Monitoring Report
Permit # 2012-Veolia-01

Dear Mr. Williams:

The May 2015 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.

The new Wastewater Contribution Permit for the Blue Ridge facility (Permit 001-15) was received by Blue Ridge Landfill on June 11, 2015. Sampling and analysis for May was completed on May 11, 2015 and the attached May 2015 self-monitoring report was prepared to comply with the previously issued permit since the new permit was not in hand until mid-June. Blue Ridge Landfill would like to meet and discuss the new permit to verify our interpretation prior to the June 2015 self-monitoring report is due. We understand there is a planned inspection on July 7, we will plan to meet and discuss then, if there are changes to the schedule or you would like to meet at a different time please let us know

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

Sincerely,
BLUE RIDGE LANDFILL, INC.

Dan Fleshour
East Region Compliance Manager

**Irvine Municipal Utilities Industrial Pretreatment Program
Summary of Laboratory Analysis**

Advanced Disposal Services Blue Ridge Landfill, Inc
Report Generated 6/18/2015

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)	
11-May-15	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	14,717
	0.027												7.97	

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)
11-May-15	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
	819		1560			96.84	0.00	154.65	0.00	0.00	262.43	-	122.17	-	-
						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	\$384.61
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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)

Daniel J. Fleishman



Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 27, 2015

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

RE: Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

Dear Dan Fleshour:

Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2015. 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

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

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

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

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #:E-10177/ E-10247
Kentucky UST Certification #: 0042
Kentucky WW Certification #:98019
Louisiana/NELAP Certification #: 04076

Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-05340
Texas Certification #: T104704355-15-8
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-10-00128

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SAMPLE SUMMARY

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40114545001	LEACHATE	Water	05/11/15 14:05	05/12/15 08:25

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40114545001	LEACHATE	EPA 200.7	FRW	1	PASI-I
			JLJ	3	PASI-G
		EPA 410.4	BAL	1	PASI-I
		EPA 350.1	TAD	1	PASI-I

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ANALYTICAL RESULTS

Project: BLUE RIDGE LEACHATE MAY 2015
 Pace Project No.: 40114545

Sample: LEACHATE		Lab ID: 40114545001	Collected: 05/11/15 14:05	Received: 05/12/15 08:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Arsenic	0.22	mg/L	0.010	1	05/14/15 14:43	05/18/15 19:54	7440-38-2	
Field Data		Analytical Method:						
Field pH	7.97	Std. Units		1		05/11/15 14:05		
Field Specific Conductance	15240	umhos/cm		1		05/11/15 14:05		
Temperature, Water (C)	31.08	deg C		1		05/11/15 14:05		
410.4 COD		Analytical Method: EPA 410.4 Preparation Method: EPA 410.4						
Chemical Oxygen Demand	1560	mg/L	100	1	05/26/15 10:00	05/26/15 13:49		
350.1 Ammonia		Analytical Method: EPA 350.1 Preparation Method: EPA 350.1						
Nitrogen, Ammonia	819	mg/L	60.0	10	05/14/15 11:36	05/14/15 16:14	7664-41-7	

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

QC Batch: MPRP/16266 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 40114545001

METHOD BLANK: 1295928 Matrix: Water
Associated Lab Samples: 40114545001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.010	0.010	05/18/15 19:09	

LABORATORY CONTROL SAMPLE: 1295929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	1	1.0	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1295930 1295931

Parameter	Units	50118646002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Arsenic	mg/L	ND	1	1	1.1	1.1	109	109	70-130	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.

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE MAY 2015
 Pace Project No.: 40114545

QC Batch: WET/21973 Analysis Method: EPA 410.4
 QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
 Associated Lab Samples: 40114545001

METHOD BLANK: 1300068 Matrix: Water
 Associated Lab Samples: 40114545001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<10.0	10.0	05/26/15 13:49	

LABORATORY CONTROL SAMPLE: 1300069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	300	290	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300070 1300071

Parameter	Units	40114668001 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	975	3000	3000	3880	3860	97	96	90-110	1	20	

MATRIX SPIKE SAMPLE: 1300072

Parameter	Units	50118900001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	78.9	300	379	100	90-110	

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.

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QUALITY CONTROL DATA

Project: BLUE RIDGE LEACHATE MAY 2015
 Pace Project No.: 40114545

QC Batch: WETA/16003 Analysis Method: EPA 350.1
 QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
 Associated Lab Samples: 40114545001

METHOD BLANK: 1295941 Matrix: Water
 Associated Lab Samples: 40114545001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	<0.10	0.10	05/14/15 16:08	

LABORATORY CONTROL SAMPLE: 1295942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1.7	1.5	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1295943 1295944

Parameter	Units	50118648002		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result				
Nitrogen, Ammonia	mg/L	38.2	10	10	10	46.6	48.4	85	102	90-110	4 20 M0

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.

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QUALIFIERS

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
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 decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
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-G Pace Analytical Services - Green Bay
PASI-I Pace Analytical Services - Indianapolis

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BLUE RIDGE LEACHATE MAY 2015
Pace Project No.: 40114545

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40114545001	LEACHATE	EPA 200.7	MPRP/16266	EPA 200.7	ICP/19750
40114545001	LEACHATE		PM/		
40114545001	LEACHATE	EPA 410.4	WET/21973	EPA 410.4	WET/22085
40114545001	LEACHATE	EPA 350.1	WETA/16003	EPA 350.1	WETA/16026

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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.

**SHIP DIRECTLY TO PACE IN
PACE GB IRWO**

40114545

Section A

Required Client Information:

ADS Blue Ridge
2700 Winchester Road
Irvine, KY 40336
Email To: Dan Fleishour
Phone: Fax:
Requested Due Date/TAT:

Section B

Required Project Information:

Report To: Same
Copy To: Karl Wallover Cornerstone
Purchase Order No.:
Project Name: Blue Ridge Leachate
Project Number:

Section C

Invoice Information:

Attention: Same
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Cindy Varga
Pace Profile #:

Page: of

ITEM #	Section D Required Client Information SAMPLE ID One Character per box. (A-Z, 0-9, -) Sample IDs MUST BE UNIQUE	Void Matrix Codes		MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives				Filtered (Y/N) Requested Amt	Pace Project Number Lab ID.		
		MATRIX	CODE			COMPOSITE START	COMPOSITE END	UNPRESERVED	HCL			H2SO4	NAOH						
		GROUND WATER	DW			DATE	TIME												
		WATER	WT																
	Leachate	PH	7.97	PHG		5/11	1405	21	2						X	X	X		
		COND	15240																

Additional Comments:

ufpedkde

RELICQUISHED BY	REMITTENT	DATE	TIME	RECEIVED BY	APPROVAL	DATE	TIME	SAMPLE CONDITIONS			
<i>[Signature]</i>		5/11	1500	<i>[Signature]</i>				Y/N	Y/N	Y/N	
<i>[Signature]</i>		5/12		<i>[Signature]</i>		5/12/15	1825	0.3	Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N	
								Y/N	Y/N	Y/N	

PRINT Name of SAMPLER: *Keith Johnson*
SIGNATURE OF SAMPLER: *[Signature]*
DATE Signed (MM/DD/YY): 05/11/15

Temp in °C
Received on Ice
Custody Sealed Cooler
Samples Intact