

Alma Roman
RN106564594
Docket No. 2013-1400-MSW-E

Order Type:
Default Order

Media:
Municipal Solid Waste

Small Business:
Yes

Location(s) Where Violation(s) Occurred:
1205 Coach Road, Canutillo, El Paso County

Type of Operation:
unauthorized disposal site

Other Significant Matters:

Additional Pending Enforcement Actions:	None
Past-Due Penalties:	None
Past-Due Fees:	None
Other:	None
Interested Third-Parties:	None

Texas Register Publication Date: May 23, 2014

Comments Received: None

Penalty Information

Total Penalty Assessed: \$1,312

Total Paid to General Revenue: \$0

Total Due to General Revenue: \$1,312

Compliance History Classifications:

Person/CN – N/A
Site/RN – N/A

Major Source: No

Statutory Limit Adjustment: None

Applicable Penalty Policy: September 2011

Alma Roman
RN106564594
Docket No. 2013-1400-MSW-E

Investigation Information

Complaint Date(s): N/A
Date(s) of Investigation: May 29, 2013
Date(s) of NOV(s): December 21, 2012
Date(s) of NOE(s): July 12, 2013

Violation Information

Failed to prevent the unauthorized disposal of municipal solid waste ("MSW") (approx. 12 cu/yd. of broken furniture, pallets, wood boards, a mattress, a sink, and other general household waste [30 TEX. ADMIN. CODE § 330.15(c)]).

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:
None

Technical Requirements:

1. Immediately, cease disposing of any additional MSW at the Site.
2. Within 30 days, remove all MSW from the Site and dispose of it at an authorized facility.
3. Within 45 days, submit written certification to demonstrate compliance.

Litigation Information

Date Petition(s) Filed: February 28, 2014
Date Green Card(s) Signed: March 5, 2014
Date Answer(s) Filed: N/A

Contact Information

TCEQ Attorneys: Ryan Rutledge, Litigation Division, (512) 239-3400
Lena Roberts, Litigation Division, (512) 239-3400
Eli Martinez, Public Interest Counsel, (512) 239-6363
TCEQ Enforcement Coordinator: Steven Van Landingham, Enforcement Division, (512) 239-5717
TCEQ Regional Contact: Kent Waggoner, El Paso Regional Office, (915) 834-4949
Respondent: Alma Roman, 23864 Ridge Point Court, Moreno Valley, California 92557-2935
Respondent's Attorney: N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 3 (September 2011)

PCW Revision August 3, 2011

TCEQ

DATES	Assigned	22-Jul-2013	Screening	24-Jul-2013	EPA Due	
	PCW	22-Oct-2013				

RESPONDENT/FACILITY INFORMATION	
Respondent	Alma Roman
Reg. Ent. Ref. No.	RN106564594
Facility/Site Region	6-El Paso
Major/Minor Source	Minor

CASE INFORMATION			
Enf./Case ID No.	47279	No. of Violations	1
Docket No.	2013-1400-MSW-E	Order Type	1660
Media Program(s)	Municipal Solid Waste	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Judy Kluge
		EC's Team	Enforcement Team 6
Admin. Penalty \$ Limit Minimum	\$0	Maximum	\$25,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)	Subtotal 1	\$1,250
---	-------------------	---------

ADJUSTMENTS (+/-) TO SUBTOTAL 1		
Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.		
Compliance History	5.0% Enhancement Subtotals 2, 3, & 7	\$62

Notes	Enhancement for one NOV with same/similar violations.
--------------	---

Culpability	No	0.0% Enhancement	Subtotal 4	\$0
--------------------	----	------------------	-------------------	-----

Notes	The Respondent does not meet the culpability criteria.
--------------	--

Good Faith Effort to Comply Total Adjustments	Subtotal 5	\$0
--	-------------------	-----

Economic Benefit	0.0% Enhancement*	Subtotal 6	\$0
Total EB Amounts	\$5	*Capped at the Total EB \$ Amount	
Approx. Cost of Compliance	\$146		

SUM OF SUBTOTALS 1-7	Final Subtotal	\$1,312
-----------------------------	-----------------------	---------

OTHER FACTORS AS JUSTICE MAY REQUIRE	0.0%	Adjustment	\$0
Reduces or enhances the Final Subtotal by the indicated percentage.			

Notes	
--------------	--

Final Penalty Amount	\$1,312
-----------------------------	---------

STATUTORY LIMIT ADJUSTMENT	Final Assessed Penalty	\$1,312
-----------------------------------	-------------------------------	---------

DEFERRAL	0.0%	Reduction	Adjustment	\$0
Reduces the Final Assessed Penalty by the indicted percentage. (Enter number only; e.g. 20 for 20% reduction.)				

Notes	Deferral not offered for non-expedited settlement.
--------------	--

PAYABLE PENALTY	\$1,312
------------------------	---------

Screening Date 24-Jul-2013

Docket No. 2013-1400-MSW-E

PCW

Respondent Alma Roman

Policy Revision 3 (September 2011)

Case ID No. 47279

PCW Revision August 3, 2011

Reg. Ent. Reference No. RN106564594

Media [Statute] Municipal Solid Waste

Enf. Coordinator Judy Kluge

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	1	5%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	0	0%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgements or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	0	0%
<i>Please Enter Yes or No</i>			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2)

>> Repeat Violator (Subtotal 3)

Adjustment Percentage (Subtotal 3)

>> Compliance History Person Classification (Subtotal 7)

Adjustment Percentage (Subtotal 7)

>> Compliance History Summary

Compliance History Notes

Enhancement for one NOV with same/similar violations.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7)

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100%

Screening Date	24-Jul-2013	Docket No.	2013-1400-MSW-E	PCW
Respondent	Alma Roman	Policy Revision 3 (September 2011)		
Case ID No.	47279	PCW Revision August 3, 2011		
Reg. Ent. Reference No.	RN106564594			
Media [Statute]	Municipal Solid Waste			
Enf. Coordinator	Judy Kluge			
Violation Number	1			
Rule Cite(s)	30 Tex. Admin. Code § 330.15(c)			
Violation Description	Failed to prevent the unauthorized disposal of municipal solid waste ("MSW"). Specifically, approximately 12 cubic yards of MSW which included broken furniture, pallets, wood boards, a mattress, a sink, and other general household waste was disposed of at the Site.			
Base Penalty	\$25,000			
>> Environmental, Property and Human Health Matrix				
OR	Harm			
	Release	Major	Moderate	Minor
	Actual			x
	Potential			
				Percent 5.0%
>> Programmatic Matrix				
	Falsification	Major	Moderate	Minor
				Percent 0.0%
Matrix Notes	Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.			
	Adjustment	\$23,750		
\$1,250				
Violation Events				
	Number of Violation Events	1	56	Number of violation days
<i>mark only one with an x</i>	daily			
	weekly			
	monthly			
	quarterly	x		
	semiannual			
	annual			
	single event			
	Violation Base Penalty	\$1,250		
One quarterly event is recommended based on documentation of the violation during the May 29, 2013 investigation to the July 24, 2013 screening date.				
Good Faith Efforts to Comply				
		0.0%	Reduction	\$0
		Before NOV	NOV to EDPRP/Settlement Offer	
	Extraordinary			
	Ordinary			
	N/A	x	(mark with x)	
Notes	The Respondent does not meet the good faith criteria for this violation.			
Violation Subtotal \$1,250				
Economic Benefit (EB) for this violation				
Statutory Limit Test				
	Estimated EB Amount	\$5	Violation Final Penalty Total	\$1,313
This violation Final Assessed Penalty (adjusted for limits)				\$1,313

Economic Benefit Worksheet

Respondent Alma Roman
Case ID No. 47279
Reg. Ent. Reference No. RN106564594
Media Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Cost **Date Required** **Final Date** **Yrs** **Interest Saved** **Onetime Costs** **EB Amount**
Item Description No commas or \$

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal	\$146	29-May-2013	19-Feb-2014	0.73	\$5	n/a	\$5
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)				0.00	\$0	n/a	\$0

Notes for DELAYED costs Estimated cost to remove all MSW from the Site and dispose of it at an authorized facility. The date required is the investigation date, and the final date is the estimated date of compliance.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/equipment				0.00	\$0	\$0	\$0
Financial Assurance [2]				0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance \$146

TOTAL \$5

The TCEQ is committed to accessibility.

To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.



Compliance History Report

PUBLISHED Compliance History Report for CN604210369, RN106564594, Rating Year 2012 which includes Compliance History (CH) components from September 1, 2007, through August 31, 2012.

Customer, Respondent, or Owner/Operator: CN604210369, Alma Roman **Classification:** NOT APPLICABLE **Rating:** N/A

Regulated Entity: RN106564594, 1205 COACH RD **Classification:** NOT APPLICABLE **Rating:** N/A

Complexity Points: N/A **Repeat Violator:** N/A

CH Group: 14 - Other

Location: 1205 COACH RD CANUTILLO, TX 79835-9636, EL PASO COUNTY

TCEQ Region: REGION 06 - EL PASO

ID Number(s): MUNICIPAL SOLID WASTE NON PERMITTED ID NUMBER R06106564594

Compliance History Period: September 01, 2007 to August 31, 2012 **Rating Year:** 2012 **Rating Date:** 09/01/2012

Date Compliance History Report Prepared: July 24, 2013

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: July 24, 2008 to July 24, 2013

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Judy Kluge

Phone: (817) 588-5825

Site and Owner/Operator History:

- 1) Has the site been in existence and/or operation for the full five year compliance period? NO
- 2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO
- 3) If YES for #2, who is the current owner/operator? N/A
- 4) If YES for #2, who was/were the prior owner(s)/operator(s)? N/A
- 5) If YES, when did the change(s) in owner or operator occur? N/A

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

N/A

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

N/A

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

1 Date: 12/21/2012 (1043628)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 330, SubChapter A 330.15(c)

Description: Failure to meet the general prohibitions of municipal solid waste. An estimated 12 cubic yards (yd3) of municipal solid waste, including broken furniture, pallets, wood boards, a mattress, a sink and other general household waste, has been disposed north of the trailer home located at 1205 Coach Rd in Canutillo, TX. Except as otherwise authorized by 30 TAC § 330, a person may not cause, suffer, allow or permit the dumping or disposal of MSW without the written authorization of the TCEQ.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter B 111.201

Description: Failure to meet the general prohibitions of outdoor burning. No person may cause, suffer, allow, or permit any outdoor burning within the State of Texas, except as provided by 30 Texas Administrative Code §111.201 or by orders or permits of the commission. Municipal solid waste was disposed by burning north of the trailer home located at 1205 Coach Rd in Canutillo, TX. Two separate burn sites were observed onsite.

F. Environmental audits:

N/A

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

THIS PAGE INTENTIONALLY LEFT BLANK

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



**IN THE MATTER OF AN
ENFORCEMENT ACTION
CONCERNING
ALMA ROMAN;
RN106564594**

§
§
§
§
§

**BEFORE THE
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY**

DEFAULT ORDER

DOCKET NO. 2013-1400-MSW-E

At its _____ agenda meeting, the Texas Commission on Environmental Quality ("Commission" or "TCEQ") considered the Executive Director's Preliminary Report and Petition, filed pursuant to TEX. WATER CODE ch. 7, TEX. HEALTH & SAFETY CODE ch. 361, and the rules of the TCEQ, which requests appropriate relief, including the imposition of an administrative penalty and corrective action of the respondent. The respondent made the subject of this Order is Alma Roman ("Respondent").

The Commission makes the following Findings of Fact and Conclusions of Law:

FINDINGS OF FACT

1. Respondent owns an unauthorized disposal site located at 1205 Coach Road in Canutillo, El Paso County, Texas (the "Site"). The Site involves the management and/or the disposal of municipal solid waste ("MSW") as defined in TEX. HEALTH & SAFETY CODE ch. 361.
2. During an investigation conducted on May 29, 2013, a TCEQ El Paso Regional Office investigator documented that Respondent failed to prevent the unauthorized disposal of MSW. Specifically, approximately 12 cubic yards of MSW, which included broken furniture, pallets, wood boards, a mattress, a sink, and other general household waste, was disposed of at the Site.
3. Respondent received notice of the violation on or about July 17, 2013.
4. The Executive Director filed the "Executive Director's Preliminary Report and Petition Recommending that the Texas Commission on Environmental Quality Enter an Enforcement Order Assessing an Administrative Penalty Against and Requiring Certain Actions of Alma Roman" (the "EDPRP") in the TCEQ Chief Clerk's office on February 28, 2014.
5. By letter dated February 28, 2014, sent to Respondent's last known address via certified mail, return receipt requested, postage prepaid, the Executive Director served Respondent with notice of the EDPRP. According to the return receipt "green card," Respondent received notice of the EDPRP on March 5, 2014, as evidenced by the signature on the card.
6. More than 20 days have elapsed since Respondent received notice of the EDPRP. Respondent failed to file an answer and failed to request a hearing.

CONCLUSIONS OF LAW

1. As evidenced by Finding of Fact No. 1, Respondent is subject to the jurisdiction of the TCEQ pursuant to TEX. HEALTH & SAFETY CODE ch. 361 and the rules of the Commission.
2. As evidenced by Finding of Fact No. 2, Respondent failed to prevent the unauthorized disposal of MSW, in violation of 30 TEX. ADMIN. CODE § 330.15(c).
3. As evidenced by Findings of Fact Nos. 4 and 5, the Executive Director timely served Respondent with proper notice of the EDPRP, as required by TEX. WATER CODE § 7.055 and 30 TEX. ADMIN. CODE § 70.104(b)(1)
4. As evidenced by Finding of Fact No. 6, Respondent failed to file a timely answer as required by TEX. WATER CODE § 7.056 and 30 TEX. ADMIN. CODE § 70.105. Pursuant to TEX. WATER CODE § 7.057 and 30 TEX. ADMIN. CODE § 70.106, the Commission may enter a Default Order against Respondent and assess the penalty recommended by the Executive Director.
4. Pursuant to TEX. WATER CODE § 7.051, the Commission has the authority to assess an administrative penalty against Respondent for violations of state statutes within the Commission's jurisdiction, for violations of rules adopted under such statutes, or for violations of orders or permits issued under such statutes.
5. An administrative penalty in the amount of one thousand three hundred twelve dollars (\$1,312.00) is justified by the facts recited in this Order, and considered in light of the factors set forth in TEX. WATER CODE § 7.053.
6. TEX. WATER CODE §§ 5.102 and 7.002 authorize the Commission to issue orders and make determinations necessary to effectuate the purposes of the statutes within its jurisdiction.

ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. Respondent is assessed an administrative penalty in the amount of one thousand three hundred twelve dollars (\$1,312.00) for violations of state statutes and rules of the TCEQ. The payment of this administrative penalty and Respondent's compliance with all the terms and conditions set forth in this Order completely resolve the matters set forth by this Order in this action. The Commission shall not be constrained in any manner from requiring corrective actions or penalties for other violations which are not raised here.
2. The administrative penalty assessed by this Order shall be paid within 30 days after the effective date of this Order. All checks submitted to pay the penalty imposed by this Order shall be made out to "Texas Commission on Environmental Quality" and shall be sent with the notation "Re: Alma Roman; Docket No. 2013-1400-MSW-E" to:

Financial Administration Division, Revenues Section
Texas Commission on Environmental Quality
Attention: Cashier's Office, MC 214
P.O. Box 13088
Austin, Texas 78711-3088

3. Respondent shall undertake the following technical requirements:
 - a. Immediately upon the effective date of this Order, Respondent shall cease disposing of any additional MSW at the Site, in accordance with 30 TEX. ADMIN. CODE § 330.15(c).
 - b. Within 30 days after the effective date of this Order, Respondent shall remove all MSW from the Site and dispose of it at an authorized facility.
 - c. Within 45 days after the effective date of this Order, Respondent shall submit written certification to demonstrate compliance with Ordering Provisions Nos. 3.a. and 3.b. The certification shall be accompanied by detailed supporting documentation, including photographs, receipts, and/or other records, shall be notarized by a State of Texas Notary Public, and shall include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is 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."

Respondent shall submit the written certification and supporting documentation necessary to demonstrate compliance with these Ordering Provisions to:

Order Compliance Team
Texas Commission on Environmental Quality
Enforcement Division, MC 149A
P.O. Box 13087
Austin, Texas 78711-3087

and:

Kent Waggoner, Waste Section Manager
Texas Commission on Environmental Quality
El Paso Regional Office
401 East Franklin Avenue, Suite 560
El Paso, Texas 79901-1206

4. All relief not expressly granted in this Order is denied.
5. The provisions of this Order shall apply to and be binding upon Respondent. Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Site operations referenced in this Order.
6. If Respondent fails to comply with any of the Ordering Provisions in this Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, Respondent's failure to comply is not a violation of this Order. Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. Respondent shall notify the Executive Director within seven days after Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
7. The Executive Director may grant an extension of any deadline in this Order or in any plan, report, or other document submitted pursuant to this Order, upon a written and substantiated showing of good cause. All requests for extensions by Respondent

shall be made in writing to the Executive Director. Extensions are not effective until Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

8. The Executive Director may refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings without notice to Respondent if the Executive Director determines that Respondent has not complied with one or more of the terms or conditions in this Order.
9. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
10. The Chief Clerk shall provide a copy of this Order to each of the parties. By law, the effective date of this Order shall be the date the Order is final, as provided by 30 TEX. ADMIN. CODE § 70.106(d) and TEX. GOV'T CODE § 2001.144.

S I G N A T U R E P A G E

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

AFFIDAVIT OF RYAN RUTLEDGE

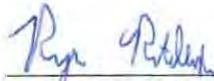
STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

"My name is Ryan Rutledge. I am of sound mind, capable of making this affidavit, and the facts stated in this affidavit are within my personal knowledge and are true and correct.

On behalf of the Executive Director of the Texas Commission on Environmental Quality, the "Executive Director's Preliminary Report and Petition Recommending that the Texas Commission on Environmental Quality Enter an Enforcement Order Assessing an Administrative Penalty Against and Requiring Certain Actions of Alma Roman" (the "EDPRP") was filed in the TCEQ Chief Clerk's office on February 28, 2014.

The EDPRP was mailed to Respondent's last known address on February 28, 2014, via certified mail, return receipt requested, postage prepaid. According to the return receipt "green card," Respondent received notice of the EDPRP on March 5, 2014, as evidenced by the signature on the card.

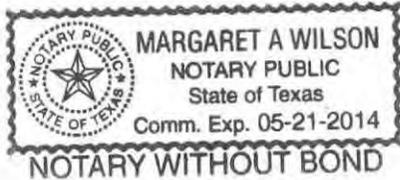
More than 20 days have elapsed since Respondent received notice of the EDPRP. Respondent failed to file an answer and failed to request a hearing."



Ryan Rutledge, Staff Attorney
Office of Legal Services, Litigation Division
Texas Commission on Environmental Quality

Before me, the undersigned authority, on this day personally appeared Ryan Rutledge, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration herein expressed.

Given under my hand and seal of office this 25th day of APRIL, A.D. 2014.





Notary Signature