Floodplain Development Permit Doddridge County WV Floodplain Management

This permit gives approval for the development/project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit: # 15-393

West Union

Date Approved: 12/08/2015

Expires: 12/08/2016

Issued to ANTERO MIDSTREAM RES.

POC: Rachel Grzybek 304-842-4100

Company Address: 535 White Oaks Blvds

Bridgeport, WV-26330

Project Address: Sherwood-Greenbrier Rd

Firm: 225C

Lat/Long: 39,233996N, 80,617,355W

Purpose of development: Access Road

Issued by: George C Eidel, Doddridge County FPM

Date: 12/08/2015



			Company of the Compan					
Vendor Name			Vendor No.	Date	Chec	k Number	Check To	otal
DODDRIDGE COUN	ITY COMMISSION		2815 NOV 16 PM	Nov-11-2015	10	1032		\$500.00
INV #	INV DATE	DESCRIPTION	TELS MOA TO III		MOUNT	DISCOUNT	S NE	T AMOUNT
KAD1192015	11/09/15	MEEK 2 ACCESS	RD FLOODPLAIN PEI COUMIT CLE BOURDEDOOR	KN.	00.00	0.0	00	500.00

¥15,393

Doddridge County West Virginia

	Dodar	lage County, west v	irginia		
RECEIPT NO:	5896	DATE: 2015	5/11/16		
•	FROM: ANTERO WATER	AMOUNT: \$	50	00.00	
FIVE HUND	RED DOLLARS AND 00 CENTS	5		 	
	FOR: #15-393 MEEK 2 ACC	CESS ROAD			
00000101	032 FP-BUILDING PERMITS	020-318	8 TOTAL:	\$500.00)
MIC	HAEL HEADLEY		MEC CLERK		
	SHERIFF &TREASURER		CLERK		
		Customer Copy			
TOTAL INVOI	CES PAID ===>	5	00.00	0.00	500.00

DETACH AND RETAIN FOR TAX PURPOSES



Antero Resources 535 White Oaks Blvd. Bridgeport, WV 26330 Office 304.842.4100 Fax 304.842.4102

October 27, 2015

Doddridge County Commission Attn: George Eidel, Doddridge County Floodplain Manager 118 East Court Street, Room 102 West Union, WV 26456

Mr. Eidel:

Antero Midstream, LLC would like to submit a Doddridge County Floodplain permit application for our Meek 2 Access Road. Our project is located in Doddridge County, Greenbrier District where the access road will be begin at approximate coordinates 39.233996 N, 80.617355 W and will continue to approximate coordinates 39.233772 N, 80.619592 W. Per the FIRM Map #54017C0255C, this location is in the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- ➤ No-Rise Certificate
- > Surface Owner Information
- ➤ FIRM Map
- WV Flood Tool Map

If you have any questions please feel free to contact me at (304) 842-4008.

Thank you in advance for your consideration.

Sincerely,

Rachel Grzybek

Environmental Specialist I

Floodplain Engineer

Antero Resources Corporation

SULLING TO ALL T

Enclosures

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

- 1. No work may start until a permit is issued.
- 2. The permit may be revoked if any false statements are made herein.
- 3. If revoked, all work must cease until permit is re-issued.
- 4. Development shall not be used or occupied until a Certificate of Compliance is issued.
- 5. The permit will expire if no work is commenced within six months of issuance.
- Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
- 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
- 8. I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE
DATE_10/27/15
SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT). IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.
APPLICANT'S NAME:
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202
TELEPHONE NUMBER: (303) 357-7310

BUILDER'S NAME: Antero Midstream, LLC
ADDRESS: 1615 Wynkoop Strett, Denver, CO 80202
TELEPHONE NUMBER: (303)-357-7310
ENGINEER'S NAME: Kelly Surveying
ADDRESS: P.O. Box 254, Dailey, WV 26259
TELEHONE NUMBER: (304) 338-6985
PROJECT LOCATION:
NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see Surface Owner Table
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see Surface Owner Table
DISTRICT:
DATE/FROM WHOM PROPERTY
PURCHASED:
LAND BOOK DESCRIPTION: Please see Surface Owner Table
DEED BOOK REFERENCE: Please see Surface Owner Table
TAX MAP REFERENCE: Please see Surface Owner Table
EXISTING BUILDINGS/USES OF PROPERTY: None
NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY Please see Surface Owner Table
ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY

To avoid delay in processing the application, please provide enough information to easily identify the project location.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

ACTIVITY STRUCTURAL TYPE **New Structure** Χ Residential (1 – 4 Family) Π Addition Residential (more than 4 Family) Π Alteration Non-residential (floodproofing) Π Relocation Combined Use (res. & com.) Demolition Replacement Manufactured/Mobil Home В. **OTHER DEVEOPLMENT ACTIVITIES:** Fill [] Mining Drilling **Pipelining** Π Grading Excavation (except for STRUCTURAL DEVELOPMENT checked above) Π Watercourse Altercation (including dredging and channel modification) Drainage Improvements (including culvert work) Road, Street, or Bridge Construction Subdivision (including new expansion) Individual Water or Sewer System X Other (please specify) Upgrading with new layer of gravel C. STANDARD SITE PLAN OR SKETCH 1. SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED. 2. IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED: SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY. 3. SIGN AND DATE THE SKETCH. **ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT**

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED

CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$ \$1,000.00

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).

ADDRESS: information	NAME:ADDRESS:		
IAME:	NAME:ADDRESS:		
APPLICATION IS FILED AND THE NAME A RESIDING IN ANY HOME ON ANY PROP IS DEMONSTRATED BY A FLOODPLAIN S	RTY AT THE TIME THE FLOODPLAIN PERMIT AND ADDRESS OF AT LEAST ONE ADULT ERTY THAT MAY BE AFFECTED BY FLOODING AS STUDY OR SURVEY. NAME:		
NAME:ADDRESS:	NAME:		

E. CONFIRMATION FORM

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

Property Owner Table-Doddridge County Floodplain Permit Antero Midstream, LLC-Meek 2 Access Road

Property Owner Name	Mailing Address	Parcel ID	Deed Book Reference
	Host Properties-Inside Floodplain		
Charles David Meek	Rt 1 Box 115A, Salem, WV 26426	4-7-2	Book 231, Page 651
	Properties Abutting Host Properties-Inside Floodplain		
Melodie Lea Jones	Rt 1 Box 373, Salem, WV 26426	4-7-1.1	Book 270, Page 264
Benjamin and Lisa Stout	3816 Greenbrier Rd, Salem, WV 26426	4-7-1.3	Book 267, Page 618
Hary and Nancy Meek	Rt 1 Box 338, Salem, WV 26426	4-7-2.1	Book 0161, Page 0569
Timothy and Lisa Bower	Rt 1 Box 336, Salem, WV 26426	4-7-2.2	Book 207, Page 674
Carol Nicholas	Rt 1 Box 337, Salem, WV 26426	4-7-2.3	Book 0190, Page 0377
Bryan and Christina Meek	1 First American Way, Westlake, TX 76262	4-7-2.4	Book 222, Page 515
Dennis F Foreman	596 Miletus Rd, Salem, WV 26426	4-7-10	Book 260, Page 143

List of adjacent persons wyproperty to the P.

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NA	ME (PRINT):
SIG	DATE: 10/27/15
Aft Adr	er completing SECTION 2, APPLICANT should submit form to Floodplain ministrator/Manager or his/her representative for review.
<u>SEC</u> Adı	TION 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain ministrator/Manager or his/her representative)
THE	PROPOSED DEVELOPMENT:
THE	PROPOSED DEVELOPMENT IS LOCATED ON:
FIRM	1 Panel:d:
Date	d:
[]	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify applicant that the application w is complete and NO FLOOPLAIN DEVELOPMENT PERMIT IS REQUIRED).
[]	Is located in Special Flood Hazard Area.
	FIRM zone designation
	100-Year flood elevation is:NGVD (MSL)
0	Unavailable
0	The proposed development is located in a floodway. FBFM Panel No
[]	See section 4 for additional instructions.

	SIGNED DATE			
SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)				
	pplicant must submit the documents checked below before the application can be			
0.	A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.			
()	Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also			
()	Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).			
[]	Plans showing the extent of watercourse relocation and/or landform alterations.			
D	Top of new fill elevationFt. NGVD (MSL). For floodproofing structures applicant must attach certification from registered engineer or architect.			
0	Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.			
[]	Manufactured homes located in a floodplain area must have a West Virginia			

SIGNED_

Federal Emergency Management Agency (FEMA).

Contractor's License and a Manufactured Home Installation License as required by the

Administr	MIT DETERMINATION (To be completed by Floodplain ator/Manager or his/her representative)
provisions o County on N	rmined that the proposed activity (type is or is not) in conformance we first the Floodplain Ordinance adopted by the County Commission of Down and 21, 2013. The permit is issued subject to the conditions attached of this permit.
SIGNED	DATE
with the pro	plain Administrator/Manager found that the above was not in confor ovisions of the Doddridge County Floodplain Ordinance and/or denied the applicant may complete an appealing process below.
APPEALS:	Appealed to the County Commission of Doddridge County? [] Yes Hearing Date:

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

COMPLETE 1 OR 2 BELOW:

1	Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space isFT. NGVD (MSL)
2	Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note:	: Any work performed prior to submittal of the above information is at risk of the cant.
SECT	ION 7: COMPLIANCE ACTION (To be completed by the Floodplain
<u>Adm</u>	inistrator/Manager or his/her representative).
as app	loodplain Administrator/Manager or his/her representative will complete this section plicable based on inspection of the project to ensure compliance with the Doddridge by Floodplain Ordinance.
IN	SPECTIONS:
	DATE:BY: DEFICIENCIES ? Y/N
CO	DMMENTS
<u>SECTI</u> Admi	ON 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain nistrator/Manager or his/her representative).
Certific	cate of Compliance issued: DATE:

CERTIFICATE OF COMPLIANCE FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (OWNER MUST RETAIN)

PEI PEI	RMIT NUMBER:
PURPOSE	! –
CONSTRUCTION LOCATION:	
OWNER'S ADDRESS:	
	·
THE FOLLOWING MUST BE C	OMPLETED BY THE FLOODPLAIN
ADMINISTRATOR/MANAGER	R OR HIS/HER AGENT.
COMPLIANCE IS HEREE	BY CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE AD	DOPTED BY THE COUNTY COMMISSION OF
DODDRIDGE COUNTY ON MA	AY 21, 2013.
SIGNED	DATE



"NO-RISE" CERTIFICATION

This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of West Virginia.

It is further to certify that the attached technical data supports the fact that proposed <u>gravel</u> <u>road resurface</u> will not impact the 100-year flood elevations, floodway elevations, or floodway widths on Buckeye Creek at published sections in the Flood Insurance Study for <u>Doddridge County</u>, <u>dated October 4, 2011</u> and will not impact the 100-year flood elevations, floodway elevations, or floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

- Firm Flood Insurance Rate Map
- Plan & Profile of the proposed road resurfacing area

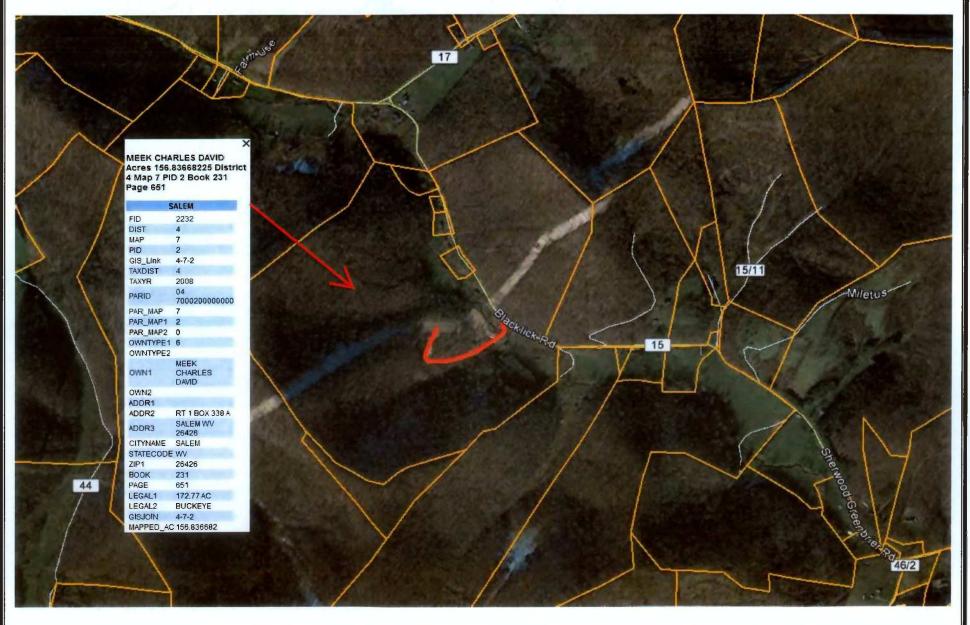
Additional Notes:

General:

The proposed area is not prone to flooding. No facilities will be installed to support the proposed development. It is proposed to only resurface the existing gravel road with fresh gravel.

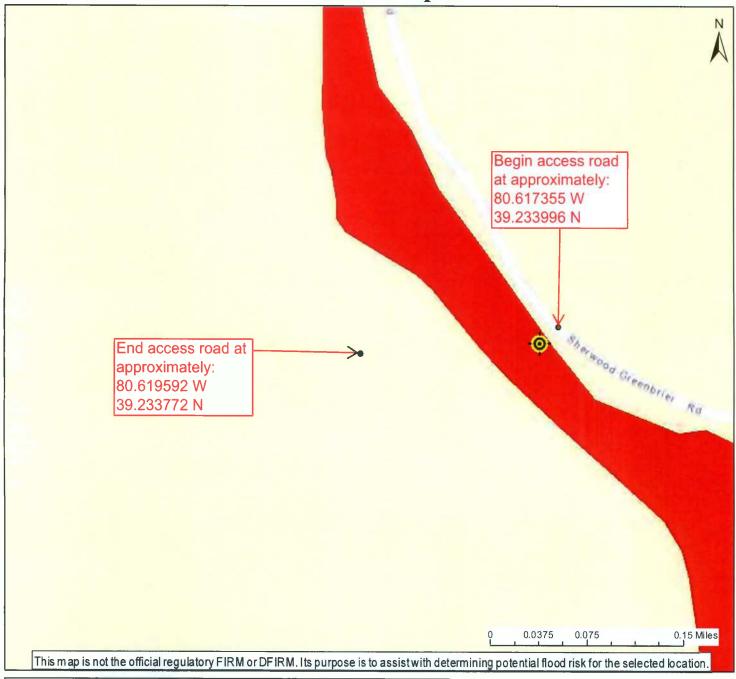
Date: $\frac{|v| \partial 7/\partial - i\zeta}{2}$ Signature: $\frac{2}{2}$

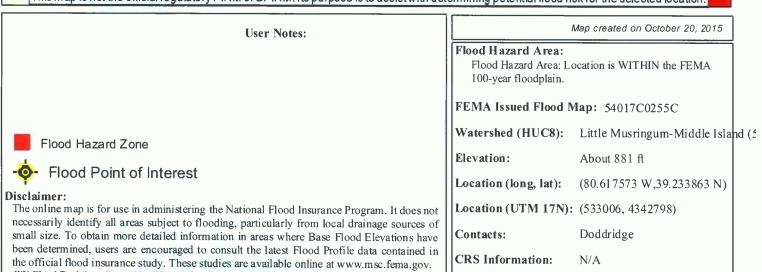
Meek 2 Access Road: Surface Owner Information





WV Flood Map





Parcel Number:

WV Flood Tool (http://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV

GIS Technical Center.

Doddridge County Floodplain Permit Application (New) Permits applications received November 4, 2015 through November 16, 2015 Announced November 17, 2015

Permit Application # 15-391

MarkWest Liberty Midstream & Resources, LLC.

Administration Bldg. Location: Swisher Lane Received: 10/30/15 Announced: 11/17/15

Publication Date: Week of 11/16/15

20-Day Comment Period Window (from Commission Meeting) 12/07/2015

90-Day Approval Window (from date of receipt) N/A Project Description: Administration and Storage Bldg.

Permit Application # 15-392

EQM Gathering OPCO, LLc

EQT MOSA So 28 Pipeline Project

Location: Meathouse Fork 39.262229, -80.727094

Received: 10/30/15 Announced: 11/17/15

Publication Date: Week of 11/16/15

20-Day Comment Period Window (from Commission Meeting) 12/07/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Well Line

Permit Application # 15-393

Antero Resources Meek 2 Access Road

Location: Sherwood-Greenbrier Rd

Received: 11/09/15 Announced: 11/17/15

Publication Date: Week of 11/16/15

20-Day Comment Period Window (from Commission Meeting) 12/07/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Access Road

Permit Application # 15-394 - NOT IN FLOODPLAIN

Antero Resources

Sandstrom Facility Frame Site

Location: On The West Side of Old County Rt. 36 (Gum Run Rd)

Received: 11/09/15 Announced: 11/17/15

Publication Date: Week of 11/16/15

20-Day Comment Period Window (from Commission Meeting) 12/07/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Water Treatment Facility



The Doddridge Independent **PUBLISHER'S CERTIFICATE**

I, Michael D. Zorn, Publisher of The Doddridge Independent, A newspaper of general circulation published in the town of West Union, Doddridge County, West Virginia, do hereby certify that:

Permit Application # 15-393

Please take notice that on the 9th day of November, 2015

Antero Resources

filed an application for a Floodplain Permit to develop land located at or about:

Meek 2 Access Road

Location: Sherwood-Greenbrier Rd

was published in The Doddridge Independent 2 times commencing on Friday, November 20, 2015 and Ending on Friday, November 27, 2015 at the request of:

George Eidel, Doddridge County Floodplain Manager& Doddridge County Commission

Given under my hand this Friday, November 27, 2015

The publisher's fee for said publication is:

\$ 25.27 1st Run/\$ 18.95 Subsequent Runs This Legal Ad Total: \$ 44.22

Michael D. Zorn

Publisher of The Doddridge Independent

Subscribed to and sworn to before me on

this date: _ \ \

11, 30, 15

Notary Public in and for Doddridge County

My Commission expires on

1714

May 20 19



