



**Linn Engineering, Inc.**

*Civil Engineering Consultants*

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534 Market Street • P.O. Box 2086 • Zanesville, Ohio 43702-2086

September 9, 2014

Beth A. Pratt, PE  
DOGRM Engineer  
Division of Oil and Gas Resources Management  
Ohio Department of Natural Resources  
2045 Morse Road, Bldg. F2  
Columbus, OH 43229

**Re: Applications to Operate a Facility  
E & R Energy Resources, LLC  
Muskingum County**

Dear Beth,

In accordance with comments received by mail from you on September 4, 2014 the plans and specifications have been revised as follows:

I have numbered my responses to correspond with your bullet points for clarity.

Requirements for an application for a Chiefs order:

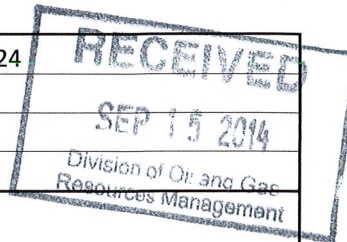
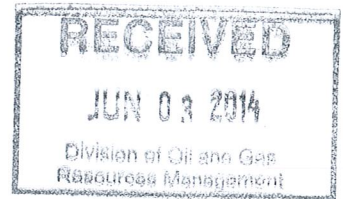
- ✓ 1. The existing pond is now labeled. The 30" riser is currently nonfunctional and the pond is not holding any storm runoff, therefore it is missing from the aerial. The secondary containment, trench drain, and sump pit prevent runoff contamination.
2. There are no longer any proposed diversion channels.
- ✓ 3. Frac tank valves are closed by default ensuring each tank is isolated and are only opened during pumping operations. See sheet 2 "General Notes" number 1. *sheet 3*
- ✓ 4. Solids / Sludge Waste Handling note has been updated on sheet 2 to include TENORM filter media testing by approved disposal location.
- ✓ 5. Manifests and logs will be kept on-site to track liquids and solids, see "Influent and Effluent Tracking" and the "Solid / Sludge Waste Handling and Tracking" notes on sheet 2.
6. The SPCC plan is not required for this review and is no longer included.

Additionally, the flow process has been clarified and a note for "Filter Pod Drain" has been added.

Sincerely,

Cody Ward

**APPLICATION TO OPERATE A FACILITY**  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT  
2045 MORSE ROAD, BUILDING F-2  
COLUMBUS, OHIO 43229-6693  
(614) 265-6922



<b>1.</b>	Name of Applicant: <u>E &amp; R Energy Services, LLC</u>	Phone #: <u>740-624-9424</u>
	Address: <u>813 Westbourne Ave., Zaneville, Ohio 43701</u>	
	Date: _____ eMail Address: <u>jeltringham@gmail.com</u>	
	For an Order or a Permit to Operate: <input type="checkbox"/> Existing Facility <input checked="" type="checkbox"/> New Facility	
<b>2.</b>	<b>PURPOSE OF FACILITY:</b> <input checked="" type="checkbox"/> Storage <input checked="" type="checkbox"/> Recycling <input checked="" type="checkbox"/> Treatment (Check all that Apply) <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Disposal	
<b>3.</b>	<b>TYPE OF MATERIAL:</b> <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Drill Cuttings <input checked="" type="checkbox"/> Drilling Mud <input checked="" type="checkbox"/> Other Waste Substance (explain) <u>flowback</u>	
<b>4.</b>	<b>If a Business Entity, list the statutory agent and include a certified copy of their appointment:</b> Name: <u>Jon M. Eltringham, Jr.</u> Address: <u>813 Westbourne Ave., Zanesville, Ohio 43701</u>	
<b>5.</b>	<b>Engineer of Record:</b> Name: <u>Linn Engineering, Inc.</u> Address: <u>534 Market St., Zanesville, Ohio 43701</u> Ohio Professional Engineering License Number: <u>Timothy H. Linn, PE #48645</u>	
<b>6.</b>	<b>Address of Facility:</b> Address: <u>8645 East Pike, Norwich, Ohio 43767</u> County: <u>Muskingum</u> Township: <u>Perry</u> Municipal Corporation: <u>N/A</u> Latitude: <u>39.976944</u> Longitude: <u>81.832222</u>	
<b>7.</b>	<b>Write a brief description of the facility and operations:</b> <u>See attached description.</u>	
<b>8.</b>	<b>Include all information as set forth in the "Guidelines for Application for Chief's Order". Attach Additional Documents</b>	

I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I certify that the facility will comply with or is currently in compliance with all provisions of Chapter 1509 ORC, Chapter 1501 OAC, and all terms and conditions of orders and permits issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Authorized Agent

Name (Type or Print) Jon M. Eltringham, Jr. Title Operations manager

Sworn to and subscribed before me this the may day of 30, 2014.



**JODI L. MASTERS**  
Notary Public, State of Ohio  
My Commission Expires  
November 9, 2015

(Notary Public)

November 9, 2015  
(Date Commission Expires)

**E& R Energy Services, LLC**  
**Norwich Water and Material Handling Facility**

**Description of Facility and Operations**

The Norwich Water Processing Facility accepts drilling water that has been rejected for injection due to excessive solids content. This water is treated by settling and is temporarily stored until ready for off-site disposal. The facility also cleans and removes excessive sediment from the tanks of delivery trucks. All accumulated water and sediments are held in frac tanks that are within a secondary containment area. Decanted water is conveyed by pumping to trucks and transported for off-site disposal. Sediment that accumulates in the frac tanks is removed by a hydrovac truck and disposed of at an approved off-site location for solidification.