



ARM Group Inc.

Engineers and Scientists

March 5, 2019

Mr. Michael Stephan
Aquatic Biologist Supervisor
PA Department of Environmental Protection
Southwest District Oil & Gas Operations
400 Waterfront Drive
Pittsburgh, PA 15222

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MAR 07 2019

DEP SWDO
OIL & GAS

Re: Response to Technical Deficiency
Permit No. GP05020718-002
ET - Braddock Well Pad & Pipelines
Merrion Oil & Gas
East Pittsburgh Borough, North Braddock
Borough, North Versailles Township
Allegheny County, PA
ARM Project 180539-1-1

Dear Mr. Stephan:

On behalf of Merrion Oil & Gas (Merrion), ARM Group Inc. (ARM) hereby provides this package in response to comments Merrion received in an email from the Pennsylvania Department of Environmental Protection (PADEP) dated February 26, 2019 pertaining to the General Permit Registration (GP-5) for the above-mentioned project in East Pittsburgh Borough, North Braddock Borough, and North Versailles Township, Allegheny County, Pennsylvania. The following paragraphs outline the PADEP comments in bold/italics followed by Merrion's responses in standard text.

Comment 1: Update the Consultant Information on the General Permit Registration page (Form 3150-PM-BWEW0500).

Response 1: The Consultant Information on Page 1 of the General Permit Registration has been updated to ARM Group Inc. A revised copy of page 1 of the General Permit Registration is included as Attachment 1.

Comment 2: Acknowledge that the Erosion and Sediment Control Plan Narrative along with drawings C701-C710 will be considered void in this Chapter 105 acknowledgement due to a separate permit submitted under Chapter 102 for Erosion and Sediment Control.

Response 2: Comment 2 is acknowledged. The Erosion and Sediment Control Plan Narrative and associated Drawings C701-C710 shall be considered “void” in this Chapter 105 registration application.

Comment 3: *Update the Aquatic Resource Impact Table to include the Temporary Impacts to the Floodway of UNT to Turtle Creek from the installation of the utility lines.*

Response 3: The Aquatic Resource Impact Table is updated to include the utility line installation Temporary Impacts. The revised table is included as Attachment 2.

ARM is submitting one (1) original and one (1) copy of this comment response package for your review and approval. We trust that this additional information addresses your review comments concerning the ET - Braddock Well Pad and Pipelines General Permit Registration. If you have any other questions or comments, or require any additional information, please do not hesitate to contact me at 814-272-0455, extension 2205.

Respectfully submitted,

ARM Group Inc.



Tessa Antolick, P.E.
Senior Engineer

Attachments:

- General Permit Registration page 1 (Form 3150-PM-BWEW0500)
- Aquatic Resource Impact Table



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CHAPTER 105 WATER OBSTRUCTIONS AND ENCROACHMENT GENERAL PERMIT REGISTRATION

SECTION A. APPLICANT INFORMATION

FERC Natural Gas Activity Docket Number _____ Type of Facility _____
Has a Water Quality Certification (WQC) request been sent to DEP? Yes No
 Activity Subject to FERC approval and/or Oil & Gas Exploration, Production, Storage or Transmission if the activity is regulated by FERC and provide the FERC docket number.

Applicant's Name / Client Merrion Oil & Gas		DEP Client ID# (if known)		Employer ID# (EIN) 850232430	
Client Information - Please select Client Type / Code from drop down box under the correct entity shown to the right. (or may be written in) →		Government	Non-Government	Individual	
Mailing Address 610 Reilly Ave		City Farmington	State NM	ZIP + 4 87401	
Contact Person – Last Name Davis	First Ryan	MI	Suffix	Telephone (505) 215-3292	Email Address rdavis@merrion.bz

SECTION B. CONSULTANT INFORMATION (If applicable) N/A

Contact Person – Last Name Antolick		First Tessa	MI M	Suffix P.E.	Consultants Title Senior Engineer	Consulting Firm ARM Group Inc.
Mailing Address 2548 Park Center Boulevard		City State College	State PA	ZIP + 4 16801		
Telephone (814) 272-0455	Fax (814) 272-0467	Email tantolick@armgroup.net		Employer ID# (EIN) 25-1807594		

SECTION C. PROJECT INFORMATION

Project / Site Name ET - Braddock Well Pad & Pipelines		DEP Site ID# (if known or leave blank)			
Client Relationship - Please select Site-to-Client Relationship / Code from drop down box to the right. (or may be written in) →		Double-click on shaded area below to select correct Site-to-Client Relationship / Code ↓ LESSE Lessee			
County Allegheny	Municipality <input type="checkbox"/> City <input checked="" type="checkbox"/> Borough <input checked="" type="checkbox"/> Township North Braddock, North Versailles		Note: Municipal & County Notification is Required		
Site Location / Address 152 11 th St.		City Braddock	State PA	ZIP + 4 15104	
Collection Method: <input checked="" type="checkbox"/> EMAP <input type="checkbox"/> HGIS <input type="checkbox"/> GISDR* <input type="checkbox"/> ITPMP <input type="checkbox"/> GPS <input type="checkbox"/> WAAS <input type="checkbox"/> LORAN Check the horizontal reference datum (or projection datum) employed in the collection method. EMAP and HGIS (PNDI) have known datum and do not require checking here. <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 <input type="checkbox"/> WGS84 (GEO84) LAT.: <u>40.393331</u> LONG.: <u>-79.845723</u>					

NOTE: A Submerged Lands License Agreement (SLLA) with an annual fee, if applicable, may also be required for your project. You will be notified if an SLLA is required.

The [Aquatic Resources Impact Table \(SECTION E. PROPOSED IMPACTS\)](#) must be completed or equivalent submitted for this registration to be complete.

Aquatic Resource Impact Table Applicant's Name / Client: Merrion Oil Gas

Project / Site Name: Merrion Oil & Gas ET Braddock 1H

Date: 5/31/2018; Revised March 2019

DEP / Corps use only			Project Information								Corps / 404					PADEP / 105		
PADEP Permit Number <i>leave blank</i>	Single and Complete Project <i>leave blank</i>	Crossing Number <i>leave blank</i>	Structure / Activity <i>unique identifier</i>	Aquatic Resource being impacted	Aquatic Resource TYPE	Latitude <i>dd nad83</i>	Longitude <i>dd nad83</i>	Work Proposed / Impact Type	Waters Name	PA Code Chapter 93 Designation	Corps Impact TYPE <i>temp / perm</i>	Stream Impact WIDTH <i>linear feet</i>	Stream Impact LENGTH <i>linear feet</i>	Stream Impact AREA <i>square feet</i>	Wetland Impact AREA <i>square feet</i>	DEP Impact TYPE <i>temp / perm</i>	Floodway Impact AREA <i>square feet</i>	Wetland Impact AREA <i>square feet</i>
			SE 1 (water)	Stream	Perennial	40.393734	-79.84533	Aerial	TRIB 64495 to Turtle Creek	WWF					Perm	139.5	N/A	
			SE 1 (water)	Stream	Floodway	40.393734	-79.84533	Aerial	TRIB 64495 to Turtle Creek	WWF					Temp	3987.5	N/A	
			SE 1 (gas)	Stream	Perennial	40.392799	-79.848094	Excavation	TRIB 64495 to Turtle Creek	WWF					Perm	101.0	N/A	
			SE 1 (gas)	Stream	Floodway	40.392799	-79.848094	Excavation	TRIB 64495 to Turtle Creek	WWF					Temp	2929.0	N/A	

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