



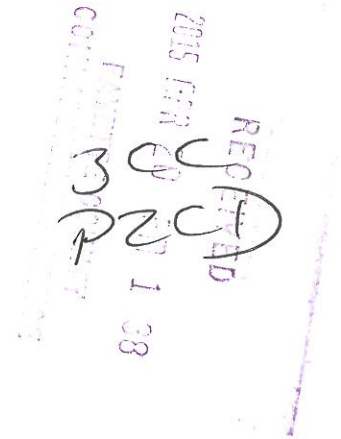
# ARM Group Inc.

Earth Resource Engineers and Consultants

April 16, 2015

**Certified Mail Article Number: 7013 0600 0001 2442 6080**

Fayette County Commissioners  
Fayette County Court House  
61 East Main Street  
Uniontown, PA 15401



Re: Chevron Appalachia, LLC  
Dog Bone Waterline  
ESCGP-2 Permit Application  
General Permits GP-5, GP-7, & GP-8 Registration  
Luzerne Township, Fayette County  
ARM Project S14165

Dear Commissioners:

Chevron Appalachia, LLC (Chevron) intends to construct a single 7.7-mile long water pipeline in Luzerne Township, Fayette County, Pennsylvania. 2.8-miles of the waterline will be permanent buried 16-inch high-density polyethylene (HDPE) and the remaining 4.9-miles will be temporary overland 12-inch HDPE. The proposed waterline location is shown on the attached Site Location Map. Consequently, applications are being submitted for coverage under "General Permit (ESCGP-2) for Earth Disturbance Associated with Oil and Gas Exploration, Production, Processing or Treatment Operation of Transmission Facilities" as well as General Permits GP-5, GP-7, and GP-8 for "Utility Line Wetland Crossing", "Minor Road Crossing", and "Temporary Road Crossing".

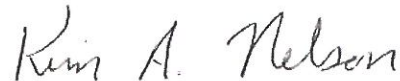
Pursuant to Act 14, P.L. 384, and Acts 67, 68 and 127, notice is hereby given that Chevron is submitting the above referenced applications. Acts 67, 68 and 127, which amended the Municipalities Planning Code (MPC), direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities or infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code.

These permit applications are being submitted to the Pennsylvania Department of Environmental Protection (PADEP) Southwest Regional Office. If you wish to submit comments to PADEP to become part of a land use review of this project, you must respond within 30 days to the PADEP Southwest Regional Office, 400 Waterfront Drive, Pittsburgh, PA 15222 or by phone at 412-442-4024. If there are no land use comments received by the end of the comment period,

PADEP will assume that there are no substantive land use conflicts and proceed with the normal application review process. For more information about the land review process, please visit [www.dep.state.pa.us](http://www.dep.state.pa.us) (directLINK: Land Use Reviews).

If you have any additional questions regarding this project, please call me at (814) 272-0455, extension 2204.

Sincerely,  
ARM Group Inc.



Kim A. Nelson, P.E.  
Vice President

Attachments:

Figure 1 – Project Location Map  
Notice of Intent (NOI) for Coverage under the ESCGP-2  
Chapter 105 General Permit Registration GP-5, GP-7, & GP-8  
Project Area Plans

cc: Branden Weimer, Chevron Appalachia, LLC



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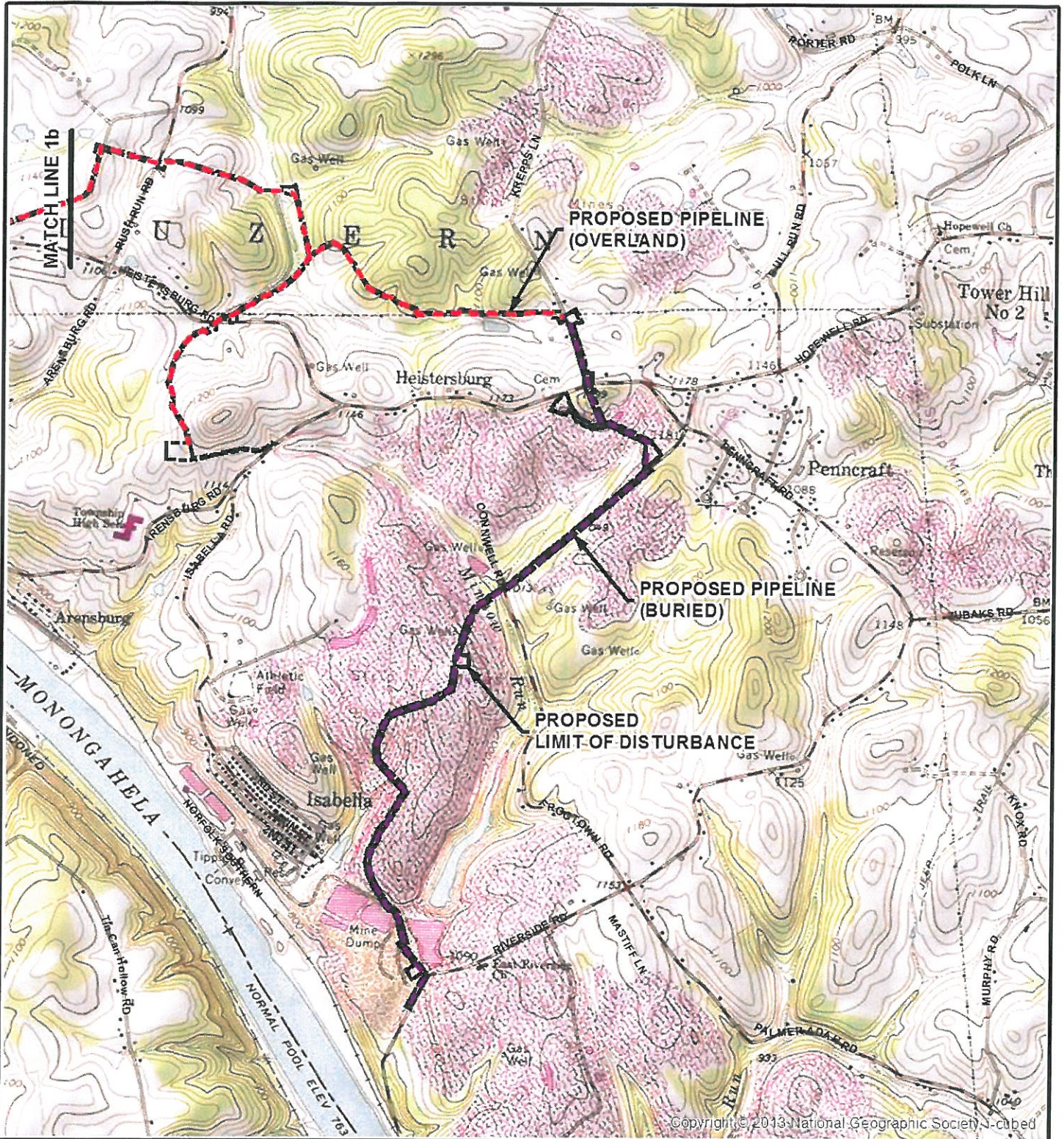
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**Figure 1 – Site Location Map**

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REF: Base map from ESRI USA Topo Maps. Refer to USGS 7.5 minute Quad Carmichaels, PA.

**LEGEND**

- - - PROPOSED WATER PIPELINE (OVERLAND)
- - - PROPOSED WATER PIPELINE (BURIED)
- - - PROPOSED LIMIT OF DISTURBANCE



SCALE IN FEET

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## Site Location Map

Dog Bone Waterline  
Chevron-Appalachia, LLC  
Luzerne Township,  
Fayette County, Pennsylvania

April, 2015

Scale: 1" = 2,000'

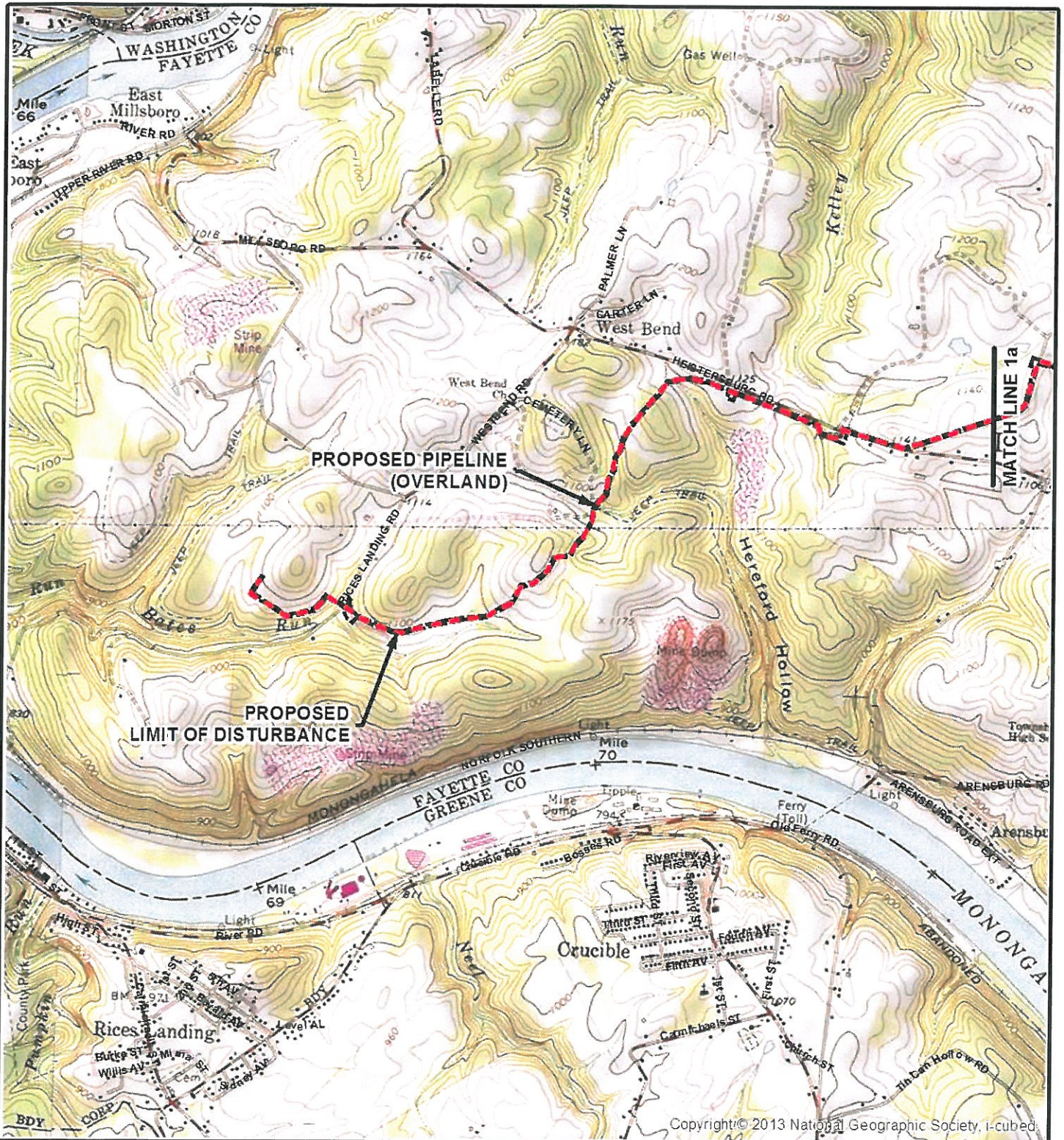
S14165-1-1



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Figure  
**1a**





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REF: Base map from ESRI USA Topo Maps. Refer to USGS 7.5 minute Quad Carmichaels, PA.

**LEGEND**

- - - PROPOSED WATER PIPELINE (OVERLAND)
- - - PROPOSED WATER PIPELINE (BURIED)
- - - PROPOSED LIMIT OF DISTURBANCE

0 2,000 4,000 6,000

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## Site Location Map

Dog Bone Waterline  
 Chevron-Appalachia, LLC  
 Luzerne Township,  
 Fayette County, Pennsylvania

April, 2015

Scale: 1" = 2,000'

SI4165-1-1



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Figure

**1b**



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**Notice of Intent (NOI) for Coverage under the  
ESCGP-2**

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**NOTICE OF INTENT (NOI) FOR COVERAGE  
UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-2)  
FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION,  
PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES**

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM.  
PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

**SECTION A. APPLICANT INFORMATION**

APPLICATION TYPE NEW  RENEWAL  MAJOR MODIFICATIONS  EXPEDITED  PHASED

Applicant's Last Name (If applicable) Weimer	First Name Branden	MI	Phone (724) 564-3745
			FAX

Organization Name or Registered Fictitious Name Chevron Appalachia, LLC	Phone
	FAX

Mailing Address 1550 Coraopolis Heights Road	City Moon Township	State PA	ZIP + 4 15108
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Email Address bweimer@chevron.com

Co-Applicant's Last Name (If applicable)	First Name	MI	Phone
			FAX

Organization Name or Registered Fictitious Name	Phone
	FAX

Mailing Address	City	State	ZIP + 4
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Email Address

**SECTION B. SITE INFORMATION**

Site Name  
Dog Bone Waterline

Site Location  
Connection to existing water pipeline: N39 56' 16.39", W79 55' 52.90"  
Stewart Well Pad: N39 57' 36.88", W79 56' 38.19"  
Existing Baily Well Pad: N39 57' 44.91", W79 59' 23.02"

Site Location – City East Millsboro	State PA	ZIP+4 15433
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Detailed Written Directions to Site  
From PA-43 South, take exit 26 towards Brownsville Republic. Turn right onto Telegraph Road (T601). Turn Right onto Bull Run Road (SR 4003). Travel 2.0 miles and turn Right onto Heistersburg Road/ Hopewell Road (SR 4020). Travel 0.4 miles and turn left onto Penncraft Road. Take a slight Right onto East Riverside Drive. Travel 2.0 miles and the connection to the existing water pipeline will be on your left.

County Fayette	Municipality Luzerne	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp. <input checked="" type="checkbox"/>
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**SECTION C. PROJECT INFORMATION**

1. Total Project Area/Project Site (Ac):	46.2	Total Disturbed Area (Ac):	28.4
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2. Project Name Dog Bone Waterline

3. Project Type (Check all that apply)

Oil/Gas Well   
  Transmission Facility   
  Gathering Facility   
  Processing Facility   
  Treatment Facility  
 Centralized Fresh Water Impoundment   
  Centralized Wastewater Impoundment   
 Water Pipeline  
 Ground/Surface Water Withdrawal Site   
 Other

If Oil/Gas well, is the well conventional or unconventional?     
 Conventional     
 Unconventional

Project Description

The proposed Dog Bone Waterline (Project) consists of the installation of a 7.7-mile long water pipeline within a total Project LOD of approximately 28.4 acres. A portion of the waterline stretching 2.8-miles in length will be permanent buried 16-inch diameter high-density polyethylene (HDPE) pipe and the remaining 4.9-miles will be temporary overland 12-inch diameter HDPE pipe. Water will be transferred from an existing waterline (Permit Nos. GP04260714001, GP0526071400, GP07260714002, GP08260714007, ESX13-051-0006) located at N39° 56' 16.39", W79° 55' 52.90" and will convey freshwater to both the Stewart Well Pad (Permit No. ESX14-051-0016) located at N39° 57' 36.88", W79° 56' 38.19" and the existing Baily Well Pad (Permit No. ESX13-051-0005) located at N39° 57' 44.91", W79° 59' 23.02". The Project will utilize existing public and private roads for temporary access to the Project site during construction. Laydown areas and temporary workspaces will be utilized along the right-of-way during construction. Minor or temporary road crossings will be used to move equipment across the streams. Best Management Practices (BMPs) will be used during all phases of construction. The project is located in Luzerne Township, Fayette County, PA. The approximate center of the AOI is located at Latitude 39.968082° and Longitude -79.937761°.

4. Please provide the latitude and longitude coordinates for the center of the project. The coordinates should be in degrees, minutes seconds (DD MM SS.SS) and North American Datum 1983. For linear projects provide the project's termini.

Latitude 39 degrees 56 minutes 16.39 seconds      Longitude -79 degrees 55 minutes 52.90 seconds  
 (Existing Waterline Connection)

Latitude 39 degrees 57 minutes 36.88 seconds      Longitude -79 degrees 56 minutes 38.19 seconds  
 (Existing Shaffer Well Pad)

Latitude 39 degrees 57 minutes 44.91 seconds      Longitude -79 degrees 59 minutes 23.02 seconds  
 (Existing Baily Well Pad)

Horizontal Collection Method:     GPS     Interpolated from U.S.G.S. Topographic Map     DEP's eMAP

5. U.S.G.S. 7.5 min. Quad Map Name Charmichaels photinspected 1988 (Include a copy of the project area on the 7.5 min quad map)

6. Will the project be conducted as a phased permit project?     Yes     No  
 If Yes, Include Master Site Plan Estimated Timetable for Phased Projects.     Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date



7. List existing and previous land use for a minimum of the previous 5 years. The existing land use within the project area consists of existing linear disturbances including existing access roads (old mining roads, gas well access roads), and powerline clearings in addition to relatively open reclaimed strip-mined land, a large former coal-washing and spoil facility, and existing shallow natural gas well infrastructure. Areas of active agricultural land (pastureland and hay fields) and woodlands were also observed within the project area.
8. Other Pollutants: Will the stormwater discharge contain polluttional substances other than sediment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain and provide any available quantitative data.
9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>(If yes, a PPC Plan must be maintained on site during earth disturbance.)</b>
10. Does the project have the potential to discharge to siltation-impaired waters? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>(If yes, show how the project will not result in a net change in volume, rate or water quality. See section G below.)</b>
11. Has the project site been investigated to identify naturally occurring geologic formations or soil types that may cause pollution when disturbed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Have naturally occurring geologic formations or soil types that may cause pollution when disturbed been identified? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>(If yes, BMPs to avoid or minimize the potential pollution must be utilized.)</b>
12. Has the project site been analyzed to determine potential thermal impacts to surface waters of the Commonwealth? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Have potential thermal impacts to surface water of the Commonwealth from earth disturbance activity been identified? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>(If yes, BMPs to avoid, minimize or mitigated the thermal pollution must be utilized.)</b>
13. Have the E&S Plan and PCSM/SR Plan been planned, designed and implemented to be consistent? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
14. Have existing and/or proposed Riparian Forest Buffers been identified? Yes <input type="checkbox"/> N/A <input checked="" type="checkbox"/> <b>(If not, they must be shown on the plans.)</b>
15. Is a riparian buffer waiver being requested? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, the applicant requesting a waiver must submit a written request that demonstrates that reasonable alternatives will meet the requirements of 25 Pa. Code § 102.14 and to demonstrate that any existing riparian buffer will remain undisturbed to the extent practicable.
16. Have antidegradation implementation requirements for special protection waters been addressed? Yes <input type="checkbox"/> No <input type="checkbox"/> <b>(If no, antidegradation requirements must be included in the plan.)</b> N/A <input checked="" type="checkbox"/>
17. Has the seasonal high groundwater level been identified at all excavation locations for pits and impoundments other than those which will contain top-hole water, fresh water and uncontaminated drill cuttings? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> <b>(If no, be advised that a 20-inch separation between the seasonal high groundwater and the bottom of all pits and impoundments containing polluttional substances is required.)</b>

<p>18. Receiving Water/Watershed Name  <u>Minnow Run, Kelley Run, Hereford Hollow, Rush Run, Bates Run / Fishpot Run-Monongahela River Watershed</u></p> <p>Chapter 93, Designated Use and Existing Use Stream Classification</p> <p><input type="checkbox"/> High Quality    <input type="checkbox"/> Exceptional Value  <input checked="" type="checkbox"/> Other WWF</p> <hr/> <p><input type="checkbox"/> Siltation-impaired</p> <p>Secondary Receiving Water  <u>Monongahela River / Lower Monongahela Watershed</u></p>	<p>Name of Municipal or Private Separate Storm Sewer Operator                  N/A</p>
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19. Is an Expedited Review being requested?                      Yes     No   
 If yes, be advised that the Expedited Review is not available for all projects. Refer to the "Expedited Review Process" Item 8, Page 17 of the ESCGP-2 Instructions to determine if your project is eligible.

**SECTION D. EROSION AND SEDIMENT CONTROL PLAN BMPS**  
**See the attached Instructions on how to complete this section.**

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the Erosion and Sediment Control BMP Manual to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI.

**1. E & S Plan**

The E & S Plan must satisfy at least one of subparagraph A or B below.

Provide a brief summary of proposed BMPs and their performance to manage E & S for the project. If E & S BMPs and their application do not follow the guidelines referenced in the Pa. Erosion and Sediment Pollution Control Program Manual, provide documentation to demonstrate performance equivalent to, or better than, the BMPs in the Manual.

Compost Filter Sock (CFS) is a sediment barrier consisting of a mesh sock and coarse compost. CFS will be placed to control runoff and collect sediment.

Erosion Control Blanketing is a soil covering made from straw, coir, excelsior, or synthetic material used to minimize the potential for erosion of an exposed soil until a suitable vegetative cover can be established. It will be placed in the Project area within 50 feet of streams and wetlands not within a special protection watershed, as well as in the Project area where a slope greater than 33 percent exists (unless located in an agricultural area)

A Rock Construction Entrance (RCE) is a method of stabilizing a temporary construction entrance to a Project site from a paved roadway by placement of AASHTO #1 stone. RCEs will be placed at all entrances to the Project area.

If required, sediment laden water that collects during excavation shall be pumped into a sediment filter bag. The means and methods of construction by the Contractor will dictate the location and placement of this control, but the Contractor must conform to the manufacturer's recommendations for use. Pumped water filter bags will be replaced once they are half full of sediment. This device is not an ABACT for special protection watersheds unless surrounded by a compost filter sock ring or operated in conjunction with a sump pit.



- A.  E & S plan is designed using BMPs in the Pennsylvania Erosion & Sedimentation Pollution Control Manual (ESPC) (Technical Guidance #3632134-008/March 2012)

OR

- B.  E & S plan is designed using an alternative BMP or design standard

## 2. Riparian Buffer Information

- A. Will you be protecting, converting or establishing a riparian buffer or a riparian forest buffer as a part of this project?  
Protect  Yes  No Convert  Yes  No Establish  Yes  No
- B. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?  
 Yes  No
- C. Are you proposing to conduct oil and gas activities for which site reclamation or restoration is required as part of the Chapter 78 permit authorization in a high quality or exceptional value watershed that is currently attaining its designated use and within 150 ft of a perennial or intermittent river, stream or creek or lake, pond or reservoir?  
 Yes  No If yes, provide a demonstration that any existing riparian buffer is undisturbed to the extent practicable.
- D. If the regulations require a riparian buffer or riparian forest buffer and you are not providing one, list the waiver provisions in the Chapter 102 regulations, Section 102.14(d)(2)(i)-(vi), that you are requesting and provide additional documentation to demonstrate reasonable alternatives for compliance with 102.14 requirements and to demonstrate that any existing riparian buffer will remain undisturbed to the extent practicable.

*Note: If the proposed activity protects, converts or establishes a riparian or riparian forest buffer a Buffer Management Plan is required in the PCSM Plan.*

## 3. Thermal Impacts Analysis

Please explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with this Project will be avoided to the maximum extent possible and minimal permanent changes in land cover are being proposed. The following provisions related to thermal impacts are included in the E&SC Drawings:

- Use of BMPs to allow runoff from the Project area to be reintroduced as sheet flow.
- Immediate revegetation (or mulch in non-germinating season) when earth disturbing activities are complete and minimal disturbance within 50 feet of streams.
- Limit removal of vegetation, especially tree cover, to only that necessary for construction.
- Minimizing impervious surfaces.
- Maximizing the use of vegetated areas to cool runoff prior to discharge.
- Maintaining canopy cover and riparian buffers that limit ground surface exposure to direct sunlight.

**SECTION E. SITE RESTORATION (SR) PLAN BMPS**  
**See the attached Instructions on how to complete this section.**

**If this section is not applicable to your project, please indicate by checking this box: N/A**

For earth disturbance projects involving oil and gas activities authorized by Chapter 78 (well pads) or pipelines and other similar utility infrastructure provide the information outlined below. If your project includes both oil and gas activities authorized by Chapter 78 (well pads) or pipelines and other similar utility infrastructure and other activities requiring Post Construction Stormwater Management, provide the information outlined in this Section as well as Section F.

Site Restoration BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance activity, promote pollutant reduction, and preserve the integrity of stream channels. The Department recommends the use of PA Stormwater BMP manual to achieve this goal. The SR Plan must meet the requirements of Pa Code § 102.8(n) and be submitted with the NOI.

**1. Site Restoration Plan Information** – The Site Restoration Plan should be designed to maximize volume reduction technologies, eliminate (where possible) or minimize point source discharges to surface waters, preserve the integrity of stream channels, and protect the physical, biological and chemical qualities of the receiving surface water.

Design standards applied to develop the Site Restoration Plan. Check those that apply.

Act 167 Plan – The attached SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	<input type="checkbox"/>
<u>County of Fayette</u>	<u>9/8/2010</u>	Verification Report Included	<input checked="" type="checkbox"/>

**NOTE:** A consistency letter is not required if a verification report is provided. Please see NOI Instructions. The Site Restoration Plan must satisfy either sub paragraph A, B, **or** C below. Check those that apply.

- A.  Act 167 Plan approvals on or after January 2005 - The attached PCSM Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Letter A must be checked if a current, DEP approved Act 167 plan exists.
- B.  The PCSM meets the standard design criteria from the PA Stormwater BMP Manual. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better.
- C.  Alternative Design Standard – The attached PCSM Plan was developed using approaches other than 102.8(g)(2). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) or will maintain and protect existing water quality and existing and designated uses.



**2. Riparian Buffer Information**

- A. Will you be protecting, converting or establishing a riparian buffer or a riparian forest buffer as part of this activity?  
 Protect  Yes  No Convert  Yes  No Establish  Yes  No
- B. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this activity?  
 Yes  No
- C. Are you proposing to conduct oil and gas activities for which site reclamation or restoration is required under a permit issued under the authority of the 2012 Oil and Gas Act and Chapter 78 in a high quality or exceptional value watershed that is currently attaining its designated use and within 150 ft of a perennial or intermittent river, stream or creek or lake, pond or reservoir?  
 Yes  No If yes, provide a demonstration that any existing riparian buffer is undisturbed to the extent practicable.
- D. If the regulations require a riparian buffer or riparian forest buffer and you are **not** providing one, list below the waiver provisions in the Chapter 102 regulations, Section 102.14(d)(i)-(vi), that you are requesting and provide additional documentation to demonstrate reasonable alternatives for compliance with 102.14 requirements and to demonstrate that any existing riparian buffer will remain undisturbed to the extent practicable.

*Note: If the proposed activity protects, converts or establishes a riparian or riparian forest buffer a Buffer Management Plan is required in the PCSM Plan.*

**3. SUMMARY TABLE FOR SUPPORTING CALCULATION AND MEASUREMENT DATA**

**See Attachment D in the Instructions on how to Complete This Section**

This section does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

**Watershed Name: Monongahela River / Lower Monongahela Watershed**

Design storm frequency _____ Rainfall amount _____ inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)			
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs			
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs			
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour			
2) 10-Year/24-Hour			
3) 50-year/24-Hour			
4) 100-year/24-Hour			

**4. SUMMARY DESCRIPTION OF SITE RESTORATION BMPs**

In the lists below, check the BMPs identified in the Post Construction Stormwater Management Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the Site Restoration Plan is not listed below, describe it in the space provided after "Other".

BMP	Function(s)	Volume of stormwater treated	Acres treated
<b>Site Restoration</b>  <input checked="" type="checkbox"/> Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	_____ _____ _____	_____ _____ _____
<b>Bio-infiltration areas</b> <input type="checkbox"/> Infiltration Trench <input type="checkbox"/> Infiltration Bed <input type="checkbox"/> Infiltrated Basin	Infiltration/Recharge	_____ _____ _____	_____ _____ _____
<b>Natural Area Conservation</b> <input type="checkbox"/> Streamside Buffer Zone <input type="checkbox"/> Wetland Buffer Zone <input type="checkbox"/> Sensitive Area Buffer Zone <input checked="" type="checkbox"/> Pre-Construction Drainage Pattern Intact	Infiltration/Recharge	_____ _____ _____ _____	_____ _____ _____ _____
<b>Stormwater Retention</b> <input type="checkbox"/> Constructed Wetlands <input type="checkbox"/> Wet Ponds <input type="checkbox"/> Retention Basin	Detention/Retention	_____ _____ _____	_____ _____ _____
<b>Sediment and Pollutant Removal</b> <input type="checkbox"/> Vegetated Filter Strips <input type="checkbox"/> Detention Basins	Water Quality Treatment	_____ _____	_____ _____
<b>Access Road Design</b> <input type="checkbox"/> Road Crowning <input type="checkbox"/> Ditches <input type="checkbox"/> Turnouts <input type="checkbox"/> Culverts <input type="checkbox"/> Roadside Vegetated Filter Strips	Infiltration/Recharge	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
<b>Stormwater Energy Dissipaters</b> <input type="checkbox"/> Level Spreaders <input type="checkbox"/> Riprap Aprons <input type="checkbox"/> Upslope Diversions <input type="checkbox"/> _____	Infiltration/Recharge	_____ _____ _____ _____	_____ _____ _____ _____

**5. Off-site Discharge Analysis.**

Does the activity propose any off-site discharges to areas other than surface waters?  Yes  No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge.

The Applicant must provide a demonstration in both the E&S and Site Restoration Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

**6. Thermal Impact Analysis.**

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with this Project will be avoided to the maximum extent possible and minimal permanent changes in land cover are being proposed. The following provisions related to thermal impacts are included in the E&SC Drawings:

- Use of BMPs to allow runoff from the Project area to be reintroduced as sheet flow.
- Immediate revegetation (or mulch in non-germinating season) when earth disturbing activities are complete and minimal disturbance within 50 feet of streams.
- Limit removal of vegetation, especially tree cover, to only that necessary for construction.
- Minimizing impervious surfaces.
- Maximizing the use of vegetated areas to cool runoff prior to discharge.
- Maintaining canopy cover and riparian buffers that limit ground surface exposure to direct sunlight.

**SECTION F. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN BMPS**  
 See the attached Instructions on how to complete this section.

If this section is not applicable to your project, please indicate by checking this box: N/A

For earth disturbance projects requiring post construction stormwater management, provide the information outlined below. If your project includes both oil and gas activities authorized under a well permit issued under the 2012 Oil and Gas Act and Chapter 78 (well pads) or pipelines and other similar utility infrastructure and other activities requiring Post Construction Stormwater Management, provide the information outlined in this Section as well as Section E.

Post Construction Stormwater Management BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance activity, promote pollutant reduction, and preserve the integrity of stream channels. The Department recommends the use of PA Stormwater BMP manual to achieve this goal. If PCSM BMPS and their application do not follow the guidelines referenced in the PA Stormwater BMP Manual, provide documentation to demonstrate performance equivalent to, or better than, the BMPs in the Manual.

**1. Post Construction Stormwater Management Plan Information** – The Post Construction Stormwater Management Plan must meet the requirements in 25 Pa. Code §102.8 and should be designed to maximize volume reduction technologies, eliminate (where possible) or minimize point source discharges to surface waters, preserve the integrity of stream channels, and protect the physical, biological and chemical qualities of the receiving surface water.

Design standards applied to develop the Post Construction Stormwater Management Plan. Check those that apply.

Act 167 Plan – The attached PCSM Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	<input type="checkbox"/>
<u>County of Fayette</u>	<u>9/8/2010</u>	Verification Report Included	<input checked="" type="checkbox"/>



**NOTE: A consistency letter is not required if a verification report is provided. Please see NOI Instructions.**

The PCSM Plan must satisfy either subparagraph A, B, **or** C below. Check those that apply. If a current, DEP approved Act 167 Plan exists, letter A must be checked.

- A.  Act 167 Plan approvals on or after January 2005 - The attached PCSM Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005.
- B.  The PCSM meets the standard design criteria from 102.8(g)(2) and (3) the PA Stormwater BMP Manual. [Note: PCSM plans have to meet both the volume and rate requirements in the regulations, which are provided in these 2 sections].
- C.  Alternative Design Standard – The attached PCSM Plan was developed using alternative approaches as provided in 102.8(g)(2)(iv) and 102.(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

**2. Riparian Buffer Information**

- A. Will you be protecting, converting or establishing a riparian buffer or a riparian forest buffer as part of this activity?  
 Protect  Yes  No    Convert  Yes  No    Establish  Yes  No
- B. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this activity?  
 Yes  No
- C. Are you proposing to conduct oil and gas activities for which site reclamation or restoration is required under a well permit issued under the authority of the 2012 Oil and Gas Act and Chapter 78 and in a high quality or exceptional value watershed that is currently attaining its designated use and within 150 ft of a perennial or intermittent river, stream or creek or lake, pond or reservoir?  
 Yes  No If yes, provide a demonstration that any existing riparian buffer is undisturbed to the extent practicable.
- D. If the regulations require a riparian buffer or riparian forest buffer and you are not providing one, list below the waiver provisions in the Chapter 102 regulations, Section 102.14(d)(i)-(vi), that you are requesting and provide additional documentation to demonstrate reasonable alternatives for compliance with 102.14 requirements and to demonstrate that any existing riparian buffer will remain undisturbed to the extent practicable.

*Note: If the proposed activity protects, converts or establishes a riparian or riparian forest buffer a Buffer Management Plan is required in the PCSM Plan.*

**3. SUMMARY TABLE FOR SUPPORTING CALCULATION AND MEASUREMENT DATA**  
**See Attachment D in the Instructions on how to Complete This Section**

**Watershed Name: Monongahela River / Lower Monongahela Watershed**

Design storm frequency _____ Rainfall amount _____ inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)			
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs			
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs			
Stormwater discharge rate for the design frequency storm			
1) 2-Year/24-Hour			
2) 10-Year/24-Hour			

3) 50-year/24-Hour			
4) 100-year/24-Hour			

**4. SUMMARY DESCRIPTION OF POST CONSTRUCTION STORMWATER BMPs**

In the lists below, check the BMPs identified in the Post Construction Stormwater Management Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the Site Restoration Plan is not listed below, describe it in the space provided after "Other".

BMP	Function(s)	Volume of stormwater treated	Acres treated
<b>Bio-infiltration areas</b> <input type="checkbox"/> Infiltration Trench <input type="checkbox"/> Infiltration Bed <input type="checkbox"/> Infiltrated Basin	Infiltration/Recharge	_____ _____ _____	_____ _____ _____
<b>Natural Area Conservation</b> <input type="checkbox"/> Streamside Buffer Zone <input type="checkbox"/> Wetland Buffer Zone <input type="checkbox"/> Sensitive Area Buffer Zone <input checked="" type="checkbox"/> Pre-Construction Drainage Pattern Intact	Infiltration/Recharge	_____ _____ _____ _____	_____ _____ _____ _____
<b>Stormwater Retention</b> <input type="checkbox"/> Constructed Wetlands <input type="checkbox"/> Wet Ponds <input type="checkbox"/> Retention Basin	Detention/Retention	_____ _____ _____	_____ _____ _____
<b>Sediment and Pollutant Removal</b> <input type="checkbox"/> Vegetated Filter Strips <input checked="" type="checkbox"/> Compost Filter Sock <input type="checkbox"/> Detention Basins	Water Quality Treatment	_____ _____ _____	_____ _____ _____
<b>Access Road Design</b> <input type="checkbox"/> Road Crowning <input type="checkbox"/> Ditches <input type="checkbox"/> Turnouts <input type="checkbox"/> Culverts <input type="checkbox"/> Roadside Vegetated Filter Strips	Infiltration/Recharge	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
<b>Stormwater Energy Dissipaters</b> <input type="checkbox"/> Level Spreaders <input type="checkbox"/> Riprap Aprons <input type="checkbox"/> Upslope Diversions <input type="checkbox"/> _____	Infiltration/Recharge	_____ _____ _____ _____	_____ _____ _____ _____

**5. Off-site Discharge Analysis.**

Does the activity propose any off-site discharges to areas other than surface waters?  Yes  No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge.

The Applicant must provide a demonstration in both the E&S and PCSM Plans that the discharge will not cause erosion, damage, or nuisance to off-site properties.

**6. Thermal Impact Analysis.**

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

The Project will have one permanent access road that includes gravel areas. Thermal impacts associated with this Project will be avoided to the maximum extent possible and minimal permanent changes in land cover are being proposed. The following provisions related to thermal impacts are included in the E&SC Drawings:

- Use of BMPs to allow runoff from the Project area to be reintroduced as sheet flow
- Immediate revegetation (or mulch in non-germinating season) when earth disturbing activities are complete and minimal
- Limit removal of vegetation, especially tree cover, to only that necessary for construction.
- Minimizing impervious surfaces
- Maximizing the use of vegetated areas to cool runoff prior to discharge.
- Maintaining canopy cover and riparian buffers that limit ground surface exposure to direct sunlight.

**7. Critical PCSM Plan stages.**

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

The Project LOD will be restored to pre-construction contours and revegetated to a uniform perennial 70 percent vegetative cover. As such, no PCSM BMPs are proposed for the Project and therefore there are no critical stages of PCSM BMP construction that must be inspected by a Professional Engineer (PE) or his designee trained and experienced in PCSM.



**SECTION G. ANTIDEGRADATION ANALYSIS**

**This section must be completed where earth disturbance activities will be conducted in special protection or siltation-impaired watersheds. (N/A)**

**Part 1 NONDISCHARGE ALTERNATIVES EVALUATION**

The applicant must consider and describe any and all nondischarge alternatives for the entire project area which are environmentally sound and will:

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	<i>Official Use Only</i>	PCSM/Site Restoration Plan	<i>Official Use Only</i>
<p>Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E &amp; S Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary)</p> <p>N/A</p>		<p>Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into your PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide your analysis and attach additional sheets if necessary)</p> <p>N/A</p>	
<p><b>Nondischarge BMPs</b></p> <p><input type="checkbox"/> Alternative Siting</p> <p>    <input type="checkbox"/> Alternative location</p> <p>    <input type="checkbox"/> Alternative configuration</p> <p>    <input type="checkbox"/> Alternative location of discharge</p> <p><input type="checkbox"/> Limited Disturbed Area</p> <p><input type="checkbox"/> Limiting Extent &amp; Duration of Disturbance (Phasing, Sequencing)</p> <p><input type="checkbox"/> Riparian Buffers (150 ft. min.)</p> <p><input type="checkbox"/> Riparian Forest Buffer (150 ft. min.)</p> <p><input type="checkbox"/> Other _____</p>		<p><b>Nondischarge BMPs</b></p> <p><input type="checkbox"/> Alternative Siting</p> <p>    <input type="checkbox"/> Alternative location</p> <p>    <input type="checkbox"/> Alternative configuration</p> <p>    <input type="checkbox"/> Alternative location of discharge</p> <p><input type="checkbox"/> Low Impact Development (LID / BSD)</p> <p><input type="checkbox"/> Riparian Buffers (150 ft. min.)</p> <p><input type="checkbox"/> Riparian Forest Buffer (150 ft. min.)</p> <p><input type="checkbox"/> Infiltration</p> <p><input type="checkbox"/> Water Reuse</p> <p><input type="checkbox"/> Other _____</p>	

Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during and after construction?

- Yes  No

If yes, antidegradation analysis is complete.  
 If no, proceed to Part 2.

**PART 2 ANTIDegradation BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)**

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

<b>E &amp; S Plan</b>	<b>Official Use Only</b>	<b>PCSM/Site Restoration Plan</b>	<b>Official Use Only</b>
<input type="checkbox"/> <b>Treatment BMPs:</b> <input type="checkbox"/> Sediment basin with skimmer <input type="checkbox"/> Sediment basin ratio of 4:1 or greater (flow length to basin width) <input type="checkbox"/> Sediment basin with 4-7 day detention <input type="checkbox"/> Flocculants <input type="checkbox"/> Compost Filter Socks <input type="checkbox"/> Compost Filter Sock Sediment Basin <input type="checkbox"/> RCE w/ Wash Rack <input type="checkbox"/> <b>Land disposal:</b> <input type="checkbox"/> Vegetated filters <input type="checkbox"/> Riparian buffers <150ft. <input type="checkbox"/> Riparian Forest Buffer <150ft. <input type="checkbox"/> Immediate stabilization <input type="checkbox"/> <b>Pollution prevention:</b> <input type="checkbox"/> PPC Plans <input type="checkbox"/> Street sweeping <input type="checkbox"/> Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials <input type="checkbox"/> <b>Stormwater reuse technologies:</b> <input type="checkbox"/> Sediment basin water for dust control <input type="checkbox"/> Sediment basin water for irrigation <input type="checkbox"/> <b>Other</b> _____		<input type="checkbox"/> <b>Treatment BMPs:</b> <input type="checkbox"/> Infiltration Practices <input type="checkbox"/> Wet ponds <input type="checkbox"/> Created wetland treatment systems <input type="checkbox"/> Vegetated swales <input type="checkbox"/> Manufactured devices <input type="checkbox"/> Bio-retention/infiltration <input type="checkbox"/> Green Roofs <input type="checkbox"/> <b>Land disposal:</b> <input type="checkbox"/> Vegetated filters <input type="checkbox"/> Riparian Buffers <150ft. <input type="checkbox"/> Riparian Forest Buffer <150ft. <input type="checkbox"/> Disconnection of roof drainage <input type="checkbox"/> Bio-retention/bio-infiltration <input type="checkbox"/> <b>Pollution prevention:</b> <input type="checkbox"/> Street sweeping <input type="checkbox"/> Nutrient, pesticide, herbicide or other chemical application plan alternatives <input type="checkbox"/> PPC Plans <input type="checkbox"/> Non-structural Practices <input type="checkbox"/> Restoration BMPs <input type="checkbox"/> <b>Stormwater reuse technologies:</b> <input type="checkbox"/> Divert rainwater into impoundment <input type="checkbox"/> Underground storage <input type="checkbox"/> Spray/Drip Irrigation <input type="checkbox"/> <b>Other</b> _____	

**SECTION H. COMPLIANCE REVIEW**

Is the applicant in violation of any existing permit, regulation, order, or schedule of compliance issued by the Department within the last 5 years?

Yes  No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheets, when necessary)

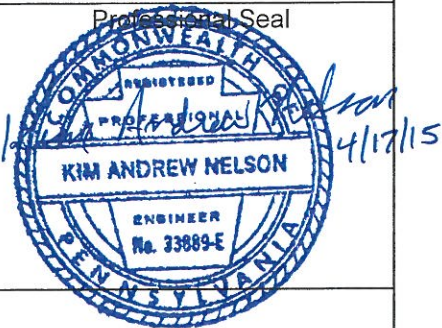
**Please see attached compliance history summary.**



**SECTION I. CERTIFICATION BY PERSON PREPARING APPLICATION**

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78 and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kim A. Nelson	Signature <i>Kim A. Nelson</i>
Company ARM Group Inc.	
Address 2548 Park Center Boulevard, State College, PA 16801	
Phone 814-272-0455 ext. 2204	
Most Recent DEP Training Attended	Location <u>State College, PA</u> Date <u>07-12-13</u>
e-Mail Address <u>knelson@armgroup.net</u>	



**EXPEDITED REVIEW PROCESS**

In addition to the certification required above applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and SR/PCSM BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

**SECTION J. APPLICANT CERTIFICATION**

Applicant Certification. I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on 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. The responsible official's signature also verifies that the activity is eligible to participate in the permit, and that the applicant agrees to abide by the terms and conditions of the permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

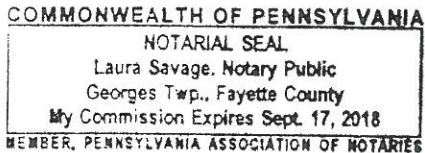
Branden Weimer, Permitting Team Lead	
Print Name and Title of Applicant <i>Branden Weimer</i>	Print Name and Title of Co-Applicant (if applicable)
Signature of Applicant <i>[Signature]</i>	Signature of Co-Applicant
Date Application Signed <u>4/14/15</u>	Date Application Signed

**Notarization**

Sworn to and subscribed to before me this  
14 day of April, 2015  
*Laura Savage*  
 Notary Public

Commonwealth of Pennsylvania  
 County of Fayette  
 My Commission expires September 17, 2018

AFFIX SEAL



**SECTION K. CONTACT FOR ADDITIONAL INFORMATION**

Contact's Last Name	First Name	MI	Phone	814-272-0455 ext. 2204
Nelson	Kim	A	FAX	814-272-0467
Mailing Address	City	State	ZIP + 4	
2548 Park Center Boulevard	State College	PA	16801	
e-Mail Address knelson@armgroup.net				

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**Chapter 105**  
**General Permit Registration**  
**GP-5, GP-7. & GP-8**

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## CHAPTER 105 GENERAL PERMIT REGISTRATION

**TYPE OF GENERAL PERMIT:**  **New Permit**  
PLEASE MARK ("X") ONE:  **Transfer of Existing Permit** (Complete Section A, C & H below and all of form [3150-PM-BWEW0016](#))

**PLEASE MARK ("X") ALL THAT APPLY:**

**GP-1** Fish Habitat Enhancement Structures

**GP-2** Small Docks & Boat Launching Ramps

**Please mark ("X") the specific type of project:**

private recreational dock

public access facility

public service facility

other private or commercial facility

**GP-3** Bank Rehabilitation, Bank Protection and Gravel Bar Removal

**GP-4** Intake and Outfall Structures

**GP-5** Utility Line Stream Crossing

**GP-6** Agricultural Crossings & Ramps

**GP-7** Minor Road Crossings

**GP-8** Temporary Road Crossings

**GP-9** Agricultural Activities

**GP-10** Abandoned Mine Reclamation

**GP-11** Maintenance, Testing, Repair, Rehabilitation, or Replacement of Water Obstructions and Encroachments (reviewed by DEP Regional Office only)

**GP-15** Private Residential Construction in Wetlands

**Activity Related to Oil and Gas Exploration, Production or Transmission**

**Activity Subject to FERC approval (Docket number \_\_\_\_\_)**  **FERC Natural Gas Act Facility**

### SECTION A. APPLICANT INFORMATION

<b>Applicant's Name / Client</b> Chevron Appalachia, LLC		<b>DEP Client ID#</b> (if known)		<b>Employer ID#</b> (EIN) 20-8243540	
<b>Client Information</b> - Please select Client Type / Code from drop down box under the correct entity shown to the right (or may be written in) →		<b>Government</b>		<b>Non-Government</b>	
		N/A non-applicable		LLC Ltd Liability C	
<b>Mailing Address</b> 1550 Coraopolis Heights Road		<b>City</b> Moon Township		<b>State</b> PA	
				<b>ZIP + 4</b> 15108	
<b>Contact Person</b> - Last Name First MI Suffix Weimer Branden		<b>Telephone</b> (724) 564-3745		<b>Email Address</b> bweimer@chevron.com	

### SECTION B. CONSULTANT INFORMATION (Complete if different than above) N/A

<b>Contact Person</b> - Last Name First MI Suffix Bonner Brian C P.E.		<b>Consultant's Title</b> Project Manager		<b>Consulting Firm</b> ARM Group Inc.	
<b>Mailing Address</b> 2548 Park Center Boulevard		<b>City</b> State College		<b>State</b> PA	
				<b>ZIP + 4</b> 16801	
<b>Telephone</b> (814) 272-0455 ext. 2220		<b>Fax</b> (814) 272-0467		<b>Email</b> bbonner@armgroup.net	
				<b>Employer ID#</b> (EIN) 25-1807594	

### SECTION C. PROJECT INFORMATION

<b>Project /Site Name:</b> Dog Bone Waterline		<b>DEP Site ID#</b> (if known or leave blank)			
<b>Client Relationship</b> - 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 ↓			
<b>County</b> Fayette		<b>Municipality</b> <input type="checkbox"/> City <input type="checkbox"/> Borough <input checked="" type="checkbox"/> Township Luzerne		<b>OPR Operator</b>	
<b>Site Location / Address</b> Existing Waterline Connection: N39° 56' 16.39", W79° 55' 52.90"  Stewart Well Pad: N39° 57' 36.88", W79° 56' 38.19"  Existing Baily Well Pad: N39° 57' 44.91", W79° 59' 23.02"		<b>City</b> East Millsboro		<b>State</b> PA	
				<b>ZIP + 4</b> 15433	
Collection Method: <input type="checkbox"/> EMAP <input type="checkbox"/> HGIS <input checked="" 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 checked="" type="checkbox"/> NAD83 <input type="checkbox"/> WGS84 (GEO84) Enter the date of collection if coordinates were derived from GPS, WAAS or LORAN. _____ mm _____ dd _____ yyyy					

Applicant's Name Chevron Appalachia, LLC	<b>GENERAL PERMIT REGISTRATION</b>
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**SECTION D. RESOURCE IDENTIFICATION**

Please place an "X" in the appropriate box next to each item to indicate the applicant has identified any of these resources which may be present at the project site.

Each General Permit (GP) has a specific set of restrictions and some resources may require certain actions or prohibit the project from being eligible to register use of the GP. *This list is not all-inclusive, please see GPs for details.*

YES	NO		YES	NO	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Register of Historic Places	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Threatened and Endangered Species
<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Registry of Natural Landmarks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wild or Stocked Trout Streams
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local historical site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wild and Scenic Rivers
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Exceptional Value (EV) Waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wetlands
<input type="checkbox"/>	<input checked="" type="checkbox"/>	High Quality (HQ) Waters	<input type="checkbox"/>	<input type="checkbox"/>	Other _____

**SECTION E. REGISTRATION CHECK LIST AND REQUIREMENTS**

Please place an "X" next to each item (1 - 16) to ensure it is completed and/or provided.

Unless otherwise specified, all items are **required** to ensure a complete Registration package.

**\*\*Provide ONE (1) ORIGINAL and ONE (1) COPY of the Registration package\*\***

	Applicant Entry	DEP Use Only
<b>1. General Permit Registration form</b> properly completed and signed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> I have read the terms and conditions of the GP(s) indicated above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2. General Permit Registration Fee and Chapter 105 Fee Calculation Worksheet</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>3. Notification</b> sent to the Municipality & County (copy of <b>General Permit Registration form</b> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>4. PASPGP-4 Cumulative Impact Project Screening Form</b> properly completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>5. Location Map</b> (USGS quad map) with project site marked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>6. Color Photographs</b> with dates and descriptions ( <i>see instructions</i> ) <span style="float: right;"><input checked="" type="checkbox"/> N/A</span>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Stream Name and Chapter 93 Classification</b> (example: UNT to #40637 HOUSE RUN, HQ-WWF/EV) Minnow Run (WWF), Rush Run (WWF), UNT 1 to Rush Run (WWF), UNT 2 to Rush Run (WWF), UNT 3 to Rush Run (WWF), UNT 4 to Rush Run (WWF), UNT 1 to Kelley Run (WWF), Hereford Hollow (WWF), TRIB 41001 to Hereford Hollow (WWF), UNT 1 to Hereford Hollow (WWF), UNT 1 to Bates Run (WWF)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>8. Project Description</b> including proposed impacts and PNDI Avoidance Measures (if applicable) Chevron intends to construct a 7.7-mile long water pipeline. 2.8-miles of the waterline will be permanent buried 16-inch high-density polyethylene (HDPE) and the remaining 4.9-miles will be temporary overland 12-inch HDPE. As a result of the proposed construction, there will be twelve (12) stream crossings, four (4) wetland crossings, and two (2) separate floodway crossings associated with the project. The waterline will cross one (1) stream and one (1) wetland overtop of existing culverts, four (4) streams and one (1) wetland using underground directional bores, four (4) streams and one (1) wetland as open cut/restore trenching and three (3) streams and one (1) wetland will be crossed using temporary aerial supports. The waterline will run overland through the floodways. The buried waterline temporary construction right-of-way consists of a 50-foot wide or less limit of disturbance. The overland waterline temporary construction right-of-way consists of a 35-foot wide or less limit of disturbance. See the Project Narrative for more information. In addition to this application, Chevron will be submitting (under separate cover) an ESCGP-2 application which outlines all appropriate E&S controls for the activities contained in this GP-5, GP-7, and GP-8 registration request.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>9. Site Specific and/or Standard Drawings</b> depicting the project's GP activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>10. Site Plan</b> depicting the site of the project's GP activities ( <i>see Section F.</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>11. Erosion &amp; Sediment Control Plan (E&amp;S Plan)</b> ( <i>required for GP-11 only - see instructions</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<p><b>12. Written Directions to Project Site:</b> From PA-43 South, take exit 26 towards Brownsville Republic. Turn right onto T601 / Telegraph Road. Turn Right onto SR4003. Travel 2.0 miles and turn Right onto SR4020. Travel 0.4 miles and turn left onto Penncraft Road. Slight Right onto East Riverside Drive. Drive 2.0 miles and project site will be on your left.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p><b>13. Pennsylvania Natural Diversity Inventory (PNDI):</b> <b>Please place an "X" next to the appropriate box indicating the information provided:</b></p> <p><input checked="" type="checkbox"/> Completed PNDI Project Planning &amp; Environmental Review Form</p> <p><input type="checkbox"/> Initialed PNDI Project Environmental Review Search Receipt showing "No Known Impacts"</p> <p><input type="checkbox"/> Initialed PNDI Project Environmental Review Search Receipt showing "Avoidance Measures" which have ALSO been incorporated into the project description</p> <p><input checked="" type="checkbox"/> Initialed PNDI Project Environmental Review Search Receipt showing "Potential Impacts" AND documentation of appropriate agency coordination required on PNDI Receipt</p>		
<p><b>14. Bog Turtle Habitat Screening:</b> <b>Please place an "X" next to the appropriate box indicating the information provided:</b></p> <p><input type="checkbox"/> Completed Request for a Bog Turtle Habitat Screening Form</p> <p><input type="checkbox"/> "No Effect" determination from the Army Corp of Engineers</p> <p><input type="checkbox"/> Documented clearance from the US Fish and Wildlife Services</p> <p><input checked="" type="checkbox"/> N/A</p>		



Applicant's Name Chevron Appalachia, LLC	<b>GENERAL PERMIT REGISTRATION</b>	
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**15. Activities which impact wetlands:**  
Please place an "X" next to the appropriate box indicating the information provided:

<input type="checkbox"/> N/A because no wetland impacts are proposed or no compensatory mitigation is necessary.	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> A wetland delineation with complete data sheets in accordance with the 1987 Corps of Engineers Wetland Delineation Manual AND the appropriate Regional Supplements to the Corps of Engineers Wetland Delineation Manual for use in Pennsylvania.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If direct or indirect wetland impacts are greater than 0.05 acres, a compensatory mitigation plan in accordance with the Department's Replacement criteria which provides compensation at a minimum one to one acre ratio.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> <b>If compensatory mitigation onsite is determined not feasible:</b> A check, number _____, in the amount of \$_____ payable to the National Fish and Wildlife Foundation, N.A. 1237, as compensatory mitigation for _____ acres of impact in wetlands, in accordance with the Pennsylvania Wetland Replacement Project.	<input type="checkbox"/>	<input type="checkbox"/>

**16. Registration of a GP-11:**  
Please place an "X" next to the appropriate box indicating the worksheet(s) provided:

<input checked="" type="checkbox"/> N/A because not registering use of GP-11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> E&S Plan	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Project Inventory	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Bridge and/or Culvert Replacement Projects or Projects That Change the Waterway Opening	<input type="checkbox"/>	<input type="checkbox"/>

**SECTION F. SITE PLAN**

Please place an "X" next to each item to ensure it is shown on the site plan. Unless otherwise specified in the permit, all items are **required** to ensure a complete Registration package.

YES	NO		YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream Name: <u>See Section G</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	100 year Flood Elevation OR FEMA map
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream Limits and Flow Direction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Limits of Earth Disturbance Associated with Activity
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stream Impacts on site (including dimensions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Location of Property Lines Relative to the Project
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wetlands on site (including acres)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing Utilities, ROWs, Easements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wetland Impacts on site (including acres)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing Buildings, Roadway, etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other Waters (i.e. pond, lakes, wetlands)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proposed Buildings, Roadways, ROW etc.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Specific / Standard Drawings location(s)	<input type="checkbox"/>	<input type="checkbox"/>	Other _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Photograph location(s)	<input type="checkbox"/>	<input type="checkbox"/>	Other _____

**SECTION G. IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

**Please provide the project's total impacts for each category in the table provided below.**  
Please complete and provide a separate chart detailing the information for each impact to waters and wetlands. Include the identifier developed in Section E.9. for each location. All impact acreages and number of impacts should be totaled on each page and then the project's total impacts provided in the table below.  
The [Additional Impacts Associated with Project Work Site \(3150-PM-BWEW0554\)](#) worksheet may be used but is not required.

Total Impacts for the Project	Temporary Impacts (acreage & number of impacts)		Permanent Impacts (acreage & number of impacts)	
<b>Total Waters Impacts</b>	0.8772 ac	12	0 ac	0
<b>Total Impacts to Wetlands</b>	0.0221 ac	4	0 ac	0
<b>Total Impacts for this Project</b>	0.8993 ac	18	0 ac	0

Applicant's Name Chevron Appalachia, LLC	<b>GENERAL PERMIT REGISTRATION</b>	
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**SECTION H. CERTIFICATION**

I certify under penalty of law that the information provided in this permit registration is true and correct to the best of my knowledge and information and that I possess the authority to undertake the proposed action. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (If any of the information and/or plans is found to be in error, falsified, and/or incomplete, this authorization/verification may be subject to modification, suspension, or revocation in accordance with applicable regulations.)

	4/14/15
Signature of Applicant	Date
Branden Weimer, Permitting Team Lead	
Typed / Printed Name	

**PA Fish and Boat Commission Approval (for GP-1 only)**

Signature of Reviewer	Date
	( )
Reviewer's Typed / Printed Name	Phone Number
Reviewer's Typed / Printed Title	Email Address

*This General Permit shall not be effective until the owner has had their E&S Plan reviewed by the appropriate Regional Office or District, obtained Federal Authorization and, where required, obtained an SLLA from DEP.*

**AN ACKNOWLEDGED COPY OF THIS GENERAL PERMIT REGISTRATION PACKAGE (INCLUDING THE ACKNOWLEDGEMENT LETTER AND TERMS AND CONDITIONS), REQUIRED FEDERAL AUTHORIZATION, AND THE E&S PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION.**

**SECTION I. ACKNOWLEDGEMENT – DEP USE ONLY**

**Signatures authorizing acknowledgment to use and register:**

**A. Completeness Review:**

	Begin Date: _____	
DEP / District Reviewer Signature	Incomplete Date: _____	<b>Completeness Status</b>
	Response Date: _____	<input type="checkbox"/> YES <input type="checkbox"/> NO
Reviewer's Typed / Printed Name	End Date: _____	

**B. Eligibility Review:**

	Begin Date: _____	
DEP / District Reviewer Signature	Incomplete Date: _____	<input type="checkbox"/> Deficient - <b>DENIED</b>
	Response Date: _____	
Reviewer's Typed / Printed Name	End Date: _____	

**C. Decision Review:**

		<b>Disposition Status</b>
DEP / District Manager Signature	Begin Date: _____	<input type="checkbox"/> WITHDRAWN <input type="checkbox"/> APPROVED
	End Date: _____	<input type="checkbox"/> RETURNED <input type="checkbox"/> DENIED
Reviewer's Typed / Printed Name		

**D. Contact Information:**

	( )	
Typed / Printed Name	Phone Number	Email Address

**E. Permit Tracking:**

Received \_\_\_\_\_ Acknowledged \_\_\_\_\_ SLLA required:  NO  YES PASPGP-4:  NO  YES  CAT 1  CAT 3  
 GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_ GP - \_\_\_\_\_  
 Notes: \_\_\_\_\_



Please complete and provide this chart (as many as is needed) as part of Section G of the [General Permit Registration \(3150-PM-BWEW0500\)](#) for impact locations.

**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>Minnow Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 16.29"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 55' 39.35"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	<u>0.0014</u> ac	<u>4'</u> x <u>15.4'</u>	<u>    </u> ac	<u>    </u> ' x <u>    </u> '
	Floodway <input type="checkbox"/> <i>N/A</i>	<u>0.0391</u> ac	<u>14'</u> x <u>121.6'</u>	<u>0</u> ac	<u>    </u> ' x <u>    </u> '
<b>Total Impacts to Waters (a)</b>		<b><u>0.0405</u> ac</b>		<b><u>0</u> ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<u>    </u> ac	<u>    </u> ' x <u>    </u> '	<u>    </u> ac	<u>    </u> ' x <u>    </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.0405</u> ac</b>		<b><u>0</u> ac</b>	

<b>Identifier</b> <u>Wetland 1105141048</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 52.97"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 55' 25.18"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input checked="" type="checkbox"/> <i>N/A</i>	<u>    </u> ac	<u>    </u> ' x <u>    </u> '	<u>0</u> ac	<u>    </u> ' x <u>    </u> '
	Floodway <input checked="" type="checkbox"/> <i>N/A</i>	<u>    </u> ac	<u>    </u> ' x <u>    </u> '	<u>0</u> ac	<u>    </u> ' x <u>    </u> '
<b>Total Impacts to Waters (a)</b>		<u>    </u> ac		<b><u>0</u> ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<b><u>0.0036</u> ac</b>	<u>9.0'</u> x <u>17.36'</u>	<u>    </u> ac	<u>    </u> ' x <u>    </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.0036</u> ac</b>		<b><u>0</u> ac</b>	

<b>Identifier</b> <u>UNT 1 to Rush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 57.60"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 55' 46.25"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	<u>0.0036</u> ac	<u>4'</u> x <u>39.9'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
	Floodway <input type="checkbox"/> <i>N/A</i>	<u>0.1015</u> ac	<u>138.5'</u> x <u>31.9'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
<b>Total Impacts to Waters (a)</b>		<b><u>0.1051</u> ac</b>		<b><u>0</u> ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<u>    </u> ac	<u>    </u> ' x <u>    </u> '	<u>    </u> ac	<u>    </u> ' x <u>    </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.1051</u> ac</b>		<b><u>0</u> ac</b>	

<b>Total Impacts for "Page 1 of 6" (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	<u>0.1456</u> ac	<u>2</u> number	<u>0</u> ac	<u>0</u> number
<b>Total Impacts to Wetlands (sum of b)</b>	<u>0.0036</u> ac	<u>1</u> number	<u>0</u> ac	<u>0</u> number
<b>Total Impacts for this page (sum of c)</b>	<b><u>0.1492</u> ac</b>	<b><u>3</u> number</b>	<b><u>0</u> ac</b>	<b><u>0</u> number</b>





Please complete and provide this chart (as many as is needed) as part of Section G of the [General Permit Registration \(3150-PM-BWEW0500\)](#) for impact locations.

**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>UNT 2 to Rush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 04.38"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 08.40"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	<u>0.0018</u> ac	<u>39.8'</u> x <u>2.0'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
	Floodway <input type="checkbox"/> <i>N/A</i>	<u>0.0838</u> ac	<u>123.8'</u> x <u>29.5'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
<b>Total Impacts to Waters (a)</b>		<b><u>0.0856</u> ac</b>		<b><u>0</u> ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<u>      </u> ac	<u>      </u> ' x <u>      </u> '	<u>      </u> ac	<u>      </u> ' x <u>      </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.0856</u> ac</b>		<b><u>0</u> ac</b>	

<b>Identifier</b> <u>UNT 4 to Rush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 12.92"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 19.09"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	<u>0.0055</u> ac	<u>12.0'</u> x <u>20.0'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
	Floodway <input type="checkbox"/> <i>N/A</i>	<u>0.0792</u> ac	<u>117.1'</u> x <u>29.5'</u>	<u>0</u> ac	<u>0'</u> x <u>0'</u>
<b>Total Impacts to Waters (a)</b>		<b><u>0.0847</u> ac</b>		<b><u>0</u> ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<u>      </u> ac	<u>      </u> ' x <u>      </u> '	<u>      </u> ac	<u>      </u> ' x <u>      </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.0847</u> ac</b>		<b><u>0</u> ac</b>	

<b>Identifier</b> <u>Bush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 14.30"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 23.23"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	<u>0.0005</u> ac	<u>11.2'</u> x <u>2.0'</u>	<u>      </u> ac	<u>      </u> ' x <u>      </u> '
	Floodway <input type="checkbox"/> <i>N/A</i>	<u>0.0061</u> ac	<u>118.7'</u> x <u>2.25'</u>	<u>      </u> ac	<u>      </u> ' x <u>      </u> '
<b>Total Impacts to Waters (a)</b>		<b><u>0.0066</u> ac</b>		<u>      </u> ac	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		<u>      </u> ac	<u>      </u> ' x <u>      </u> '	<u>      </u> ac	<u>      </u> ' x <u>      </u> '
<b>Total Impacts for this location (c)</b>		<b><u>0.0066</u> ac</b>		<b><u>0</u> ac</b>	

<b>Total Impacts for "Page 2 of 6" (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	<u>0.1769</u> ac	<u>3</u> number	<u>0</u> ac	<u>0</u> number
<b>Total Impacts to Wetlands (sum of b)</b>	<u>0.0000</u> ac	<u>0</u> number	<u>0</u> ac	<u>0</u> number
<b>Total Impacts for this page (sum of c)</b>	<u>0.1769</u> ac	<u>3</u> number	<u>0</u> ac	<u>0</u> number





Please complete and provide this chart (as many as is needed) as part of Section G of the [General Permit Registration \(3150-PM-BWEW0500\)](#) for impact locations.

**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>Wetland 0323151025</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 14.28"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 24.34"</u>		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
	Floodway <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		_____ ac		<b>0 ac</b>	
<b>Impacts to Wetlands (b)</b> <input type="checkbox"/> <i>N/A</i>		<b>0.0032 ac</b>	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.0032 ac</b>		<b>0 ac</b>	

<b>Identifier</b> <u>UNT 3 to Bush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 18.13"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 46.88"</u>		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	0.0002 ac	4.1' x 2.0'	0 ac	0' x 0'
	Floodway <input type="checkbox"/> <i>N/A</i>	0.0047 ac	103.0' x 2.0'	0 ac	0' x 0'
<b>Total Impacts to Waters (a)</b>		<b>0.0049 ac</b>		<b>0 ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.0049 ac</b>		<b>0 ac</b>	

<b>Identifier</b> <u>UNT 1 to Kelley Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 07.88"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 57' 35.06"</u>		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	0.0092 ac	39.8' x 10.0'	_____ ac	_____ ' x _____ '
	Floodway <input type="checkbox"/> <i>N/A</i>	0.1349 ac	168.3' x 34.9'	0 ac	0' x 0'
<b>Total Impacts to Waters (a)</b>		<b>0.1441 ac</b>		<b>0 ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.1441 ac</b>		<b>0 ac</b>	

<b>Total Impacts for "Page 3 of 6" (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	0.1490 ac	2 number	0 ac	0 number
<b>Total Impacts to Wetlands (sum of b)</b>	0.0032 ac	1 number	0 ac	0 number
<b>Total Impacts for this page (sum of c)</b>	0.1522 ac	3 number	0 ac	0 number





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**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>TRIB 41001 to Hereford Hollow</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 15.57"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 58' 05.83"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> N/A	0.0012 ac	18.1' x 3.0'	0 ac	0' x 0'
	Floodway <input type="checkbox"/> N/A	0.1049 ac	159.7' x 44.8'	0 ac	0' x 0'
<b>Total Impacts to Waters (a)</b>		<b>0.1061 ac</b>		<b>0 ac</b>	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> N/A		_____ ac	_____ x _____'	_____ ac	_____ x _____'
<b>Total Impacts for this location (c)</b>		<b>0.1061 ac</b>		<b>0 ac</b>	

<b>Identifier</b> <u>UNT 1 to Hereford Hollow</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 04.75"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 58' 15.90"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> N/A	0.0012 ac	17.3' x 3.0'	_____ ac	_____ x _____'
	Floodway <input type="checkbox"/> N/A	0.0959 ac	126.4' x 33.0'	_____ ac	_____ x _____'
<b>Total Impacts to Waters (a)</b>		<b>0.0971 ac</b>		_____ ac	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> N/A		_____ ac	_____ x _____'	_____ ac	_____ x _____'
<b>Total Impacts for this location (c)</b>		<b>0.0971 ac</b>		_____ ac	

<b>Identifier</b> <u>Hereford Hollow</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 56.49"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 58' 20.21"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> N/A	0.0010 ac	15.0' x 3.0'	_____ ac	_____ x _____'
	Floodway <input type="checkbox"/> N/A	0.0821 ac	125.7' x 28.4'	_____ ac	_____ x _____'
<b>Total Impacts to Waters (a)</b>		<b>0.0831 ac</b>		_____ ac	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> N/A		_____ ac	_____ x _____'	_____ ac	_____ x _____'
<b>Total Impacts for this location (c)</b>		<b>0.0831 ac</b>		_____ ac	

<b>Total Impacts for "Page 4 of 6 (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	0.2863 ac	3 number	0 ac	0 number
<b>Total Impacts to Wetlands (sum of b)</b>	0 ac	0 number	0 ac	0 number
<b>Total Impacts for this page (sum of c)</b>	0.2863 ac	3 number	0 ac	0 number





Please complete and provide this chart (as many as is needed) as part of Section G of the [General Permit Registration \(3150-PM-BWEW0500\)](#) for impact locations.

**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>Wetland 1106140837</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 40.16"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 58' 42.12"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
	Floodway <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		_____ ac		_____ ac	
<b>Impacts to Wetlands (b)</b> <input type="checkbox"/> <i>N/A</i>		<b>0.0003 ac</b>	<b>15.0' x 1.0'</b>	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.0003 ac</b>		<b>0 ac</b>	

<b>Identifier</b> <u>UNT 1 to Bates Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 57' 41.63"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 59' 08.12"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	0.0005 ac	11.1' x 2.0'	_____ ac	_____ ' x _____ '
	Floodway <input type="checkbox"/> <i>N/A</i>	0.0061 ac	135.5' x 2.0'	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		<b>0.0066 ac</b>		_____ ac	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.0066 ac</b>		_____ ac	

<b>Identifier</b> <u>Rush Run</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> <u>N39° 58' 02.00"</u>		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> <u>W79° 56' 18.82"</u>		Area* (in acres)	Dimensions* (in feet)	Area* (in acres)	Dimensions* (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	0.0029 ac	42.0' x 3.0'	_____ ac	_____ ' x _____ '
	Floodway <input type="checkbox"/> <i>N/A</i>	0.1099 ac	118.1' x 40.5'	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		<b>0.1128 ac</b>		_____ ac	
<b>Impacts to Wetlands (b)</b> <input checked="" type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.1128 ac</b>		_____ ac	

<b>Total Impacts for "Page 5 of 6" (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	0.1194 ac	2 number	0 ac	0 number
<b>Total Impacts to Wetlands (sum of b)</b>	0.0003 ac	1 number	0 ac	0 number
<b>Total Impacts for this page (sum of c)</b>	0.1197 ac	3 number	0 ac	0 number





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**ADDITIONAL IMPACTS ASSOCIATED WITH PROJECT WORK SITE**

Provide the unique identifier (from Section E.9.), latitude and longitude, total area and dimensions of impact to waters (including streams, lakes, ponds, etc) and/or wetlands associated with your project for each category below.

The impacts for each identifier below should be totaled and provided at the bottom of the page, then each page totaled. An account of total impacts for the project is to be provided in the chart found in Section G of the General Permit Registration Form.

<b>Identifier</b> <u>Wetland 1105141634</u>		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> _____		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> _____		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
	Floodway <input checked="" type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		_____ ac		_____ ac	
<b>Impacts to Wetlands (b)</b> <input type="checkbox"/> <i>N/A</i>		<b>0.0150 ac</b>	<b>58.0' x 11.3'</b>	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		<b>0.0150 ac</b>		<b>0 ac</b>	

<b>Identifier</b> _____		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> _____		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> _____		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
	Floodway <input type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		_____ ac		_____ ac	
<b>Impacts to Wetlands (b)</b> <input type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		_____ ac		_____ ac	

<b>Identifier</b> _____		* 43,560 square feet per acre			
<b>Impact Latitude (DMS)</b> _____		<b>Temporary Impacts</b>		<b>Permanent Impacts</b>	
<b>Impact Longitude (DMS)</b> _____		<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)	<b>Area*</b> (in acres)	<b>Dimensions*</b> (in feet)
<b>Impacts to Waters</b>	Stream <input type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
	Floodway <input type="checkbox"/> <i>N/A</i>	_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts to Waters (a)</b>		_____ ac		_____ ac	
<b>Impacts to Wetlands (b)</b> <input type="checkbox"/> <i>N/A</i>		_____ ac	_____ ' x _____ '	_____ ac	_____ ' x _____ '
<b>Total Impacts for this location (c)</b>		_____ ac		_____ ac	

<b>Total Impacts for "Page 6 of 6" (same as above)</b>	<b>Temporary Impacts</b> (acreage & number of impacts)		<b>Permanent Impacts</b> (acreage & number of impacts)	
<b>Total Waters Impacts (sum of a)</b>	0.0000 ac	0 number	0 ac	0 number
<b>Total Impacts to Wetlands (sum of b)</b>	0.0150 ac	1 number	0 ac	0 number
<b>Total Impacts for this page (sum of c)</b>	0.0150 ac	1 number	0 ac	0 number