

### Module 2: NPDES Information

A National Pollutant Discharge Elimination System (NPDES) permit is needed for all mining permits. Application for an NPDES permit can be made at the same time as the mining permit using the options described below.

Please check which option is being used for this permit.

- 1. Coverage under General Permit BMR GP-104 (Document No. 5600-PM-MR0388).

This type of NPDES coverage is applicable for non-special protection watersheds where the only potential discharge to surface waters of the Commonwealth will be composed entirely of **stormwater**, in which the main potential pollutant is sediment. To apply for coverage under GP104, complete the Notice of Intent form no. 5600-PM-MR0008 and submit it with this mining permit application.

- 2. Individual NPDES Permit

An individual NPDES permit is applicable for those sites that have any one of the following characteristics:

- Permit area is in a special protection watershed (HQ/EV).
- The permit specifies a discharge of treated water (beyond simple containment of stormwater runoff), mine drainage treatment facilities discharge, process water or pumped groundwater.
- Discharge authorization does not qualify under the GP-104.

To apply for coverage under an individual NPDES permit associated with mining activities, complete form no. 5600-PM-BMP0032: APPLICATION FOR INDIVIDUAL NPDES PERMIT ASSOCIATED WITH MINING ACTIVITIES

- 3. Other Option

Check here if another option is chosen and provide an explanation: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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ID # PA0270041  
Date Received 05/15/2023

## APPLICATION NPDES INDIVIDUAL PERMIT

*Please answer all questions completely. Refer to the instructions that come with this form.*

### SECTION A. GENERAL APPLICANT INFORMATION

<b>1. Application Type</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Renewal <input type="checkbox"/> Modification <input type="checkbox"/> Transfer <input checked="" type="checkbox"/> Fee included: See <a href="https://www.dep.pa.gov/Business/Land/Mining/BureauofDistrictMining/Pages/Fees.aspx">https://www.dep.pa.gov/Business/Land/Mining/BureauofDistrictMining/Pages/Fees.aspx</a>																									
<b>2. Applicant:</b> Bishop Brothers Construction Co. Inc.		<b>3. Associated Mining Permit No. or ID:</b> new Except for "new", list existing NPDES Permit No:																							
<b>4. Operation Name:</b> Minard Mine		<b>5. License No:</b> 17095		<b>6. Applicant Email:</b> mindy@bishopbrothersinc.com																					
<b>7. Permit/Project Type: (check applicable)</b> <input type="checkbox"/> Coal <input checked="" type="checkbox"/> Noncoal <input checked="" type="checkbox"/> Mining permit (surface or underground) <input type="checkbox"/> Exploration <input type="checkbox"/> GP-105 (Bluestone) <input type="checkbox"/> Other _____																									
<b>8. Public notice. (See instructions to determine if public notice is required.)</b> Public notice has been submitted for publication. A draft notice is attached. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
<b>9. Production qualifications (Small business exemption)</b> COAL: Will coal production be at least 100,000 tons per year? <input type="checkbox"/> Yes <input type="checkbox"/> No NONCOAL: Will production be at least \$100,000 (1980 dollars) per year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
<b>10. Total Affected Area (Acres):</b> <u>374</u> <i>Include all associated haul roads. Note: This acreage may be greater than the acres for the associated mining permit.</i>																									
<b>11. Estimated Timeframe:</b> Start (or permit issuance) <u>immediate</u> End (or permit expiration) <u>ongoing</u>																									
<b>12. Physical Address of Permit Location (911 compliant):</b> 312 Minard Drive, Athens PA 18810  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><b>County</b></td> <td style="width: 33%;"><b>Municipality</b></td> <td style="width: 10%;"><b>City</b></td> <td style="width: 10%;"><b>Boro</b></td> <td style="width: 14%;"><b>Twp</b></td> </tr> <tr> <td><u>Bradford</u></td> <td><u>Athens</u></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>_____</td> <td>_____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>						<b>County</b>	<b>Municipality</b>	<b>City</b>	<b>Boro</b>	<b>Twp</b>	<u>Bradford</u>	<u>Athens</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<b>13. Map View of Area</b> <input type="checkbox"/> Attach a map with outline of the affected area associated with the mining activity and label all outfalls. <input checked="" type="checkbox"/> Map is included as part of mining permit documents marked as Exhibit No. <u>9</u> Date: _____																									
<b>14. Receiving Stream/Watershed Name:</b> <u>Tutelow Creek to Chemung River</u> Is this stream subject to a TMDL? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
<b>15. Chapter 93 Receiving Water Designated Use:</b>		WWF, MF (both)		<b>NOTE: If designated use is 'HQ' or 'EV', complete anti-degradation supplement form 5600-PM-BMP0007.</b>																					
<b>16. Existing Stream Use (if different from designated use):</b> n/a    Has this stream been petitioned for redesignation? <input type="checkbox"/> Yes <input type="checkbox"/> No																									
<b>17. During mining, drainage will result in:</b> <input checked="" type="checkbox"/> <b>Point source discharge(s) (complete Section C: Outfall Information)</b> <input checked="" type="checkbox"/> Surface Stream <input type="checkbox"/> Municipal or Private Storm Sewer -- Provide name of Storm Sewer Operator:  <input checked="" type="checkbox"/> <b>Non-discharge</b> <input checked="" type="checkbox"/> Groundwater – infiltration <input type="checkbox"/> Containment without discharge (reuse)  <input type="checkbox"/> <b>Other</b> (Including off-site discharges) – Describe and attach documentation to support a legal right to discharge.																									

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**SECTION B. EROSION AND SEDIMENTATION (E & S) PLAN**

**18. E & S Plan**

An E & S plan must be included as part of the associated mining permit information or attached to this application. The plan must provide a brief narrative describing the use of proposed BMPs and their performance to manage E & S for the project. If E & S BMPs to be implemented do not follow the guidelines referenced in the PA Erosion and Sediment Pollution Control Program Manual (TGD # 363-2134-008) or the Engineering Manual for Mining Operations (TGD # 563-0300-101), provide documentation to demonstrate performance equivalent to, or better than, the BMPs in the Manuals.

Check one:

- E & S plan meeting the above criteria is contained within the information associated with the mining permit/project listed in item #3 of this application.
- E & S information including a complete description of the implementation of BMPs is included with this NPDES application.

**19. Best Management Practices (BMPs) Summary.**

Check here if all BMPs are described as part of appropriate Modules of the mining permit/project (coal or noncoal) identified in Item No. 3.

Complete the following if specific E & S Modules have not been submitted with an associated mining permit.

Check all that will be used at this mining site.

BMP		BMP	
<input type="checkbox"/>	Sediment basins/traps with discharge outlet	<input type="checkbox"/>	Bio-infiltration areas
<input type="checkbox"/>	Constructed wetlands	<input type="checkbox"/>	Vegetated swales / Stabilized channels
<input type="checkbox"/>	Retention/containment basins	<input type="checkbox"/>	Constructed filters/ filter bags
<input type="checkbox"/>	Detention basin/pit sump	<input type="checkbox"/>	Stabilized site entrances
<input type="checkbox"/>	Non-discharging sedimentation traps	<input type="checkbox"/>	Wheel washes
<input type="checkbox"/>	Sediment fore bay	<input type="checkbox"/>	Limiting disturbed area with concurrent reclamation
<input type="checkbox"/>	Infiltration measures	<input type="checkbox"/>	Oil/grit separators
<input type="checkbox"/>	Protect Sensitive & Special Value Features	<input type="checkbox"/>	Street sweeping
<input type="checkbox"/>	Protect/Conserve/ Enhance Riparian areas	<input type="checkbox"/>	Runoff capture/Reuse
<input type="checkbox"/>	Restoration: Buffers/ Landscape/ Floodplain	<input type="checkbox"/>	Temporary sediment controls (silt fence/silt-sok)
<input type="checkbox"/>	Top of slope berms	<input type="checkbox"/>	Top of slope diversions
<input type="checkbox"/>	Rock inlets for basins	<input type="checkbox"/>	Other _____
<input type="checkbox"/>	Erosion control blankets/textiles	<input type="checkbox"/>	Other _____

**20. Reclamation and BMPs**

Check here if any of the above checked BMPs will be left after final bond release.

If checked, supply details, signed documentation of permission by the landowner and justification in the reclamation plan with the mining permit application. If this information is contained in the mining permit documents, please explain:

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**SECTION C. OUTFALL INFORMATION**

This Section is to be completed when discrete outfalls are proposed. Attach additional pages for more than 4 points.

21. Identify each point in the tables below. Each discharge point must be shown and labeled as such on a map submitted with this application or as part of the mining permit/authorization. The labeling of discharge points must correspond with the labels used on the exhibit maps submitted in support of the mining permit/authorization. Non-discharging sedimentation traps and groundwater infiltration points are not outfalls and should not be included as outfalls but should be listed at the end of this section. Emergency Spillway(s) for ponds associated with non-discharge alternative must be permitted.

Describe the location and source of each point.

Discharge Point (e.g. SP 001, SP 002 etc.)	Latitude	Longitude	Receiving Stream	Source of Discharge (e.g., sedimentation pond, groundwater sump, etc.)
001	41° 58' 01.0"	76° 32' 42.7"	Tutelow Creek	sedimentation pond
002	41° 58' 03.8"	76° 32' 51.7"	Tutelow Creek	treatment facility
	o ' "	o ' "		
	o ' "	o ' "		

For the same points as above, describe the flow and treatment for each point.

Discharge Point (e.g. SP 01, SP 02 etc.)	Flow			Treatment
	Average rate (mgd)	Design rate (mgd)	Frequency (Intermittent (I), Precipitation Dependent (P), Continuous (C))	
001	0.03	0.4	I/P	settle solids
002	0.04	0.3	I/P	settle solids

Design rate is the discharge flow at the Q 7-10 stream flow for post-mining discharges, the maximum hydraulic capacity for other treatment facilities or the routed storm flow for sedimentation ponds.

Latitude/Longitude Collection Method:  EMAP  GPS  Printed Map  Other \_\_\_\_\_

Check the horizontal reference datum (or projection datum) employed in the collection method.

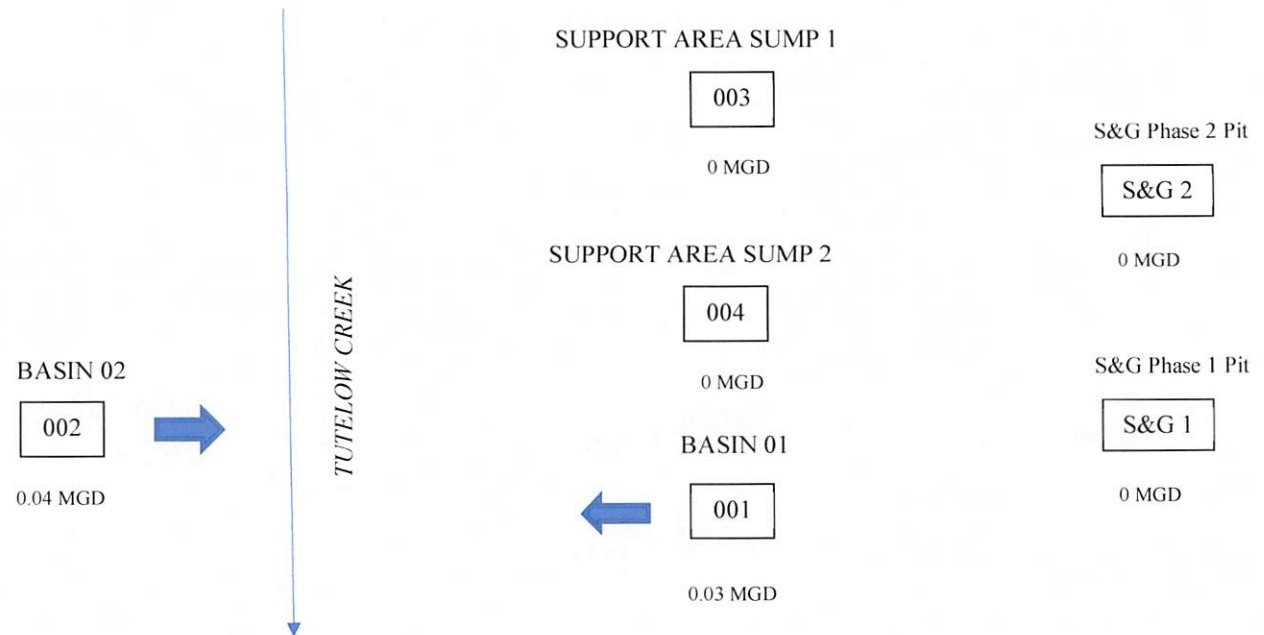
NAD27 (topo maps)  NAD83 (Emap)  WGS84 (GEO84) (most GPS units)

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For non-discharging sedimentation traps and groundwater infiltration points, provide the description and location:			
Discharge/Sampling Point:	Latitude:	Longitude:	Source of Discharge (e.g., sedimentation pond, groundwater sump, etc.):
003	41 58 10.3	76 32 52.4	Support Area Sump 1
004	41 58 07.2	76 32 48.0	Support Area Sump 2
S&G 1	41 58 07.5	76 32 49.2	S&G Phase 1 pit
S&G 2	41 58 26.9	76 33 20.3	S&G Phase 2 pit

Depict the structures and corresponding discharge points, average flow rate, and receiving stream(s) in a flow diagram. Include line drawing below or attachment.  
 [40 C.F.R. § 122.21(g)(2)]

Example:



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**22. Evaluation of Thermal Impacts.** Describe how thermal impacts were evaluated and, if necessary, how they will be mitigated, in accordance with 25 Pa. Code Chapter 93.  
**The site will not discharge directly to surface waters. All discharges are to existing ground a distance from surface waters to promote infiltration and mitigation of thermal impacts prior to the surface water.**

**23. Solid or liquid wastes not discharged.** Will there be sludge or sediment produced from the treatment described above?  Yes  No

Will there be liquid produced from the treatment described above (not discharged via the outfall)?  Yes  No

Describe the material and its ultimate disposal:

**Sediment collected in basins, traps, treatment facilities, etc. will be incorporated into the final site reclamation.**

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**SECTION D. EFFLUENT CHARACTERIZATION**

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Complete the following subsections for each discharge outfall listed in Item #21.

Discharge Point No(s): 001

**24. Common parameters/pollutants.** Complete the table for each constituent. Indicate 'E' if estimate, 'D' if based on actual data. If needed, attach a separate sheet labeled "Item #24 Common parameters/pollutants". Please include the units of measurement. If you are providing data from one discharge for two or more substantially identical effluents, indicate which outfalls the data represents. [40 CFR 122.21(k)(5)(i) and 40 CFR 122.21(g)(7)(iii)]

Constituent	Daily Max	Daily Average	Source of Information
pH	6-9	7	E
Total Suspended Solids (TSS)	35	15-30	E
Conductivity	XXX	XXX	
Chemical Oxygen Demand (COD) <sup>1</sup>	XXX	XXX	
Biochemical Oxygen Demand (BOD) <sup>1</sup>	XXX	XXX	
Ammonia (NH3) <sup>1</sup>	XXX	XXX	
Total Organic Carbon (TOC) <sup>1</sup>	XXX	XXX	
Flow			E (gpm) Flow varies with precipitation & surface runoff
Temperature (high)			E (C) Temperature is a function of time of year. There are no thermal contact processes at the site.
Temperature (low)			

<sup>1</sup> Waiver option [40 CFR 122.21(k)(5)(i)]: A waiver is requested for the following constituents that are not anticipated to be present in the discharge:

COD     BOD     NH3     TOC

Provide a justification for this waiver request.

**Discharge associated with the aggregate mining does not add any inorganic or organic process chemicals that would cause any of the identified to be present.**

**25. Dioxins.** As the applicant, do you have reason to believe that at any time dioxins were made, used, stored or buried on or directly upgradient from the site designated for mining and/or support area? [TCDD, 2,4,5-T, 2,4,5-TP, Erbon, Ronnel, TCP or HCP under 40 CFR 122.21 (g)(7)(viii) and 40 CFR 122.21 (k)(5)(iv)]

Yes     No

If yes, provide information and data characterizing the potential discharge on a separate sheet labeled "Item #25 Dioxins"

**26. Organic Toxic Pollutants (EPA Table II)** Provide waiver justification or data regarding organic toxic pollutants for the mine site.

Waiver: This section is not applicable because this operation fulfills one of the following criteria:

- For coal, this operation produces less than 100,000 tons per year.
- For noncoal, this operation has gross sales of less than \$100,000 per year (1980 dollars).

If a waiver is not applicable, refer to Appendix B: Table II - Organic Toxic Pollutants. List any constituents from that table that are expected to be present in the discharge.

**No organic toxic pollutants are expected from this mining activity. An evaluation will be completed when water quality data becomes available.**

For all constituents listed above, provide a table of the estimated daily maximum concentration, the estimated daily average concentration and the source of this information on a separate attachment labeled "Item #26 Organic Toxic Pollutants".

**27. Other toxic pollutants.** For new mining permits, for each of the following constituents, provide an estimate of the concentration that could reasonably be expected to be present in the discharges(s) and the source of this information [40 CFR 122.21 (k)(5)(iii)(A)] (EPA Table III).  
For all Coal mining renewals, provide the actual data for concentrations. [40 CFR 122.21 (g)(7)(v)(B)]  
For Noncoal renewals, provide data for those you expect to be present. Insert "X" for those not expected to be present [40 CFR 122.21 (g)(7)(vi)(B)]  
Please include units of measurement for all concentrations reported.

Constituent	Concentration		Constituent	Concentration
Antimony, Total	< 50 µg/l		Nickel, Total	< 5 µg/l
Arsenic, Total	< 50 µg/l		Selenium, Total	< 50 µg/l
Beryllium, Total	< 1 µg/l		Silver, Total	< 5 µg/l
Cadmium, Total	< 5 µg/l		Thallium, Total	< 50 µg/l
Chromium, Total	< 5 µg/l		Zinc, Total	< 5 µg/l
Copper, Total	< 5 µg/l		Cyanide, Total	< 4 µg/l
Lead, Total	< 50 µg/l		Phenols, Total	< 4,000 µg/l
Mercury, Total	< 50 µg/l		ICP-OES detection limits (unless otherwise noted)  *EPA National Recommended Water Quality Criteria Table (08/27/21)	

**28. Conventional and Nonconventional Pollutants.** For each of the following constituents, check the boxes for those that you expect to be present in the discharge. (EPA Table IV)

<input type="checkbox"/> Bromide	<input type="checkbox"/> Nitrogen, Total Organic	<input type="checkbox"/> Sulfite	<input checked="" type="checkbox"/> Iron, Total
<input type="checkbox"/> Chlorine, Total Residual	<input type="checkbox"/> Oil and Grease	<input type="checkbox"/> Surfactants	<input checked="" type="checkbox"/> Magnesium, Total
<input type="checkbox"/> Color	<input type="checkbox"/> Phosphorus, Total	<input checked="" type="checkbox"/> Aluminum, Total	<input type="checkbox"/> Molybdenum, Total
<input type="checkbox"/> Fecal Coliform	<input type="checkbox"/> Radioactivity	<input type="checkbox"/> Barium, Total	<input checked="" type="checkbox"/> Manganese, Total
<input type="checkbox"/> Fluoride	<input checked="" type="checkbox"/> Sulfate	<input type="checkbox"/> Boron, Total	<input type="checkbox"/> Tin, Total
<input type="checkbox"/> Nitrate-Nitrite	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Cobalt, Total	<input type="checkbox"/> Titanium, Total

For new outfalls, for each constituent checked above (those that you expect to be present) provide the estimated daily maximum concentration, daily average concentration and the source of the information on an attachment. For existing outfalls, report the daily maximum and daily average based on data collected within the previous five years.

**The above are expected to be present due to natural weathering and erosion processes that cause dissolved and suspended solids. An evaluation will be completed when water quality data becomes available.**

**29. Toxic Pollutants and Hazardous Substances (EPA Table V)** Refer to Appendix B: Toxic Pollutants and Hazardous Substances. List any constituents from that table that are expected to be present in the discharge.

**No toxic pollutants or hazardous substances are expected to be present from this mining activity. An evaluation will be completed when water quality data becomes available.**

For all constituents listed above, provide data for each pollutant expected in the discharge or justification of why any are believed to be not present and the source of this information on a separate attachment labeled "Item #29 Toxic and Hazardous Pollutants".

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**SECTION D. EFFLUENT CHARACTERIZATION**

Complete the following subsections for each discharge outfall listed in Item #21.

Discharge Point No(s): 002

**24. Common parameters/pollutants.** Complete the table for each constituent. Indicate 'E' if estimate, 'D' if based on actual data. If needed, attach a separate sheet labeled "Item #24 Common parameters/pollutants". Please include the units of measurement. If you are providing data from one discharge for two or more substantially identical effluents, indicate which outfalls the data represents. [40 CFR 122.21(k)(5)(i) and 40 CFR 122.21(g)(7)(iii)]

Constituent	Daily Max	Daily Average	Source of Information
pH	6-9	7	E
Total Suspended Solids (TSS)	35	15-30	E
Conductivity	XXX	XXX	
Chemical Oxygen Demand (COD) <sup>1</sup>	XXX	XXX	
Biochemical Oxygen Demand (BOD) <sup>1</sup>	XXX	XXX	
Ammonia (NH3) <sup>1</sup>	XXX	XXX	
Total Organic Carbon (TOC) <sup>1</sup>	XXX	XXX	
Flow			E (gpm) Flow varies with precipitation & surface runoff
Temperature (high)			E (C) Temperature is a function of time of year. There are no thermal contact processes at the site.
Temperature (low)			

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<sup>1</sup> Waiver option [40 CFR 122.21(k)(5)(i)]: A waiver is requested for the following constituents that are not anticipated to be present in the discharge:

- COD     BOD     NH3     TOC

Provide a justification for this waiver request.

**Discharge associated with the aggregate mining does not add any inorganic or organic process chemicals that would cause any of the identified to be present.**

**25. Dioxins.** As the applicant, do you have reason to believe that at any time dioxins were made, used, stored or buried on or directly upgradient from the site designated for mining and/or support area? [TCDD, 2,4,5-T, 2,4,5-TP, Erbon, Ronnel, TCP or HCP under 40 CFR 122.21 (g)(7)(viii) and 40 CFR 122.21 (k)(5)(iv)]

- Yes     No

If yes, provide information and data characterizing the potential discharge on a separate sheet labeled "Item #25 Dioxins"

**26. Organic Toxic Pollutants (EPA Table II)** Provide waiver justification or data regarding organic toxic pollutants for the mine site.

Waiver: This section is not applicable because this operation fulfills one of the following criteria:

- For coal, this operation produces less than 100,000 tons per year.  
 For noncoal, this operation has gross sales of less than \$100,000 per year (1980 dollars).

If a waiver is not applicable, refer to Appendix B: Table II - Organic Toxic Pollutants. List any constituents from that table that are expected to be present in the discharge.

**No organic toxic pollutants are expected from this mining activity. An evaluation will be completed when water quality data becomes available.**

For all constituents listed above, provide a table of the estimated daily maximum concentration, the estimated daily average concentration and the source of this information on a separate attachment labeled "Item #26 Organic Toxic Pollutants".

**27. Other toxic pollutants.** For new mining permits, for each of the following constituents, provide an estimate of the concentration that could reasonably be expected to be present in the discharges(s) and the source of this information [40 CFR 122.21 (k)(5)(iii)(A)] (EPA Table III).  
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Cadmium, Total	< 5 µg/l		Thallium, Total	< 50 µg/l
Chromium, Total	< 5 µg/l		Zinc, Total	< 5 µg/l
Copper, Total	< 5 µg/l		Cyanide, Total	< 4 µg/l
Lead, Total	< 50 µg/l		Phenols, Total	< 4,000 µg/l
Mercury, Total	< 50 µg/l		ICP-OES detection limits (unless otherwise noted)  *EPA National Recommended Water Quality Criteria Table (08/27/21)	

**28. Conventional and Nonconventional Pollutants.** For each of the following constituents, check the boxes for those that you expect to be present in the discharge. (EPA Table IV)

<input type="checkbox"/> Bromide	<input type="checkbox"/> Nitrogen, Total Organic	<input type="checkbox"/> Sulfite	<input checked="" type="checkbox"/> Iron, Total
<input type="checkbox"/> Chlorine, Total Residual	<input type="checkbox"/> Oil and Grease	<input type="checkbox"/> Surfactants	<input checked="" type="checkbox"/> Magnesium, Total
<input type="checkbox"/> Color	<input type="checkbox"/> Phosphorus, Total	<input checked="" type="checkbox"/> Aluminum, Total	<input type="checkbox"/> Molybdenum, Total
<input type="checkbox"/> Fecal Coliform	<input type="checkbox"/> Radioactivity	<input type="checkbox"/> Barium, Total	<input checked="" type="checkbox"/> Manganese, Total
<input type="checkbox"/> Fluoride	<input checked="" type="checkbox"/> Sulfate	<input type="checkbox"/> Boron, Total	<input type="checkbox"/> Tin, Total
<input type="checkbox"/> Nitrate-Nitrite	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Cobalt, Total	<input type="checkbox"/> Titanium, Total

For new outfalls, for each constituent checked above (those that you expect to be present) provide the estimated daily maximum concentration, daily average concentration and the source of the information on an attachment. For existing outfalls, report the daily maximum and daily average based on data collected within the previous five years.

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**29. Toxic Pollutants and Hazardous Substances (EPA Table V)** Refer to Appendix B: Toxic Pollutants and Hazardous Substances. List any constituents from that table that are expected to be present in the discharge.

**No toxic pollutants or hazardous substances are expected to be present from this mining activity. An evaluation will be completed when water quality data becomes available.**

For all constituents listed above, provide data for each pollutant expected in the discharge or justification of why any are believed to be not present and the source of this information on a separate attachment labeled "Item #29 Toxic and Hazardous Pollutants".

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**SECTION E. CERTIFICATIONS**

The information on the NPDES form must be certified as correct by one of the following, as applicable.

- a) In the case of corporations, by principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- b) In the case of a partnership, by a general partner.
- c) In the case of a sole proprietorship, by the proprietor.
- d) In the case of a municipal, state or other public facility, by either a principal executive officer, ranking elected official or other duly authorized employee.

**30. Applicant Affidavit**

I certify under penalty of law that this application and all related attachments were prepared by me or under my direction or supervision. Based on my own knowledge and on inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I verify that the activity is eligible to participate in the NPDES permit, and that the BMPs, E&S Plan, and other plans and controls described are being or will be, implemented to ensure that water quality standards and effluent limits are attained. Furthermore, I agree to accept all conditions and limitations imposed by the associated permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or both for knowing violations pursuant to Section 309(c)(4) of the Clean Water Act and, 18 Pa. C.S. §§4903-4904.

Sworn and Subscribed to Before Me This  
28th day of April 2023  
(month) (year)

Jennifer M. Isaac  
Signature of Notary Public

Notary Seal

Commonwealth of Pennsylvania - Notary Seal  
Jennifer M. Isaac, Notary Public  
Bradford County  
My commission expires July 27, 2023  
Commission number 1263879  
Member, Pennsylvania Association of Notaries

Andrew L. Bishop  
Signature of Applicant or Responsible Official

Andrew L. Bishop  
Name (Typed) of Applicant or Responsible Official

1376 Leisure Drive

Address of Applicant

Towanda PA 18848

Address of Applicant

President

Applicant Title and Corporate Seal

**31. Preparation of this report (to be completed by the person who prepared this application)**

I do hereby certify to the best of my knowledge, information and belief that the submitted information is true and correct, represents actual field conditions and are in accordance with the appropriate Chapters 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.

[Signature]  
Signature

Tract Engineering, PLLC

Company

120 Ridge Avenue

Address

State College, PA 16803

City, State, Zip

814-272-0301

Phone

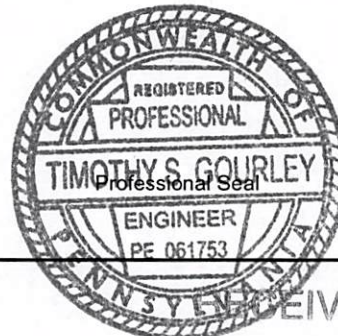
Email Address: [tg@tractllc.com](mailto:tg@tractllc.com)

Timothy S Gourley

Print Name and Title

5-5-23

Date Signed



MAY 15 2023



NPDES No. PA0270041  
Permit No. 08230301

**SECTION F. PREPAREDNESS, PREVENTION AND CONTINGENCY (PPC) PLAN**

This completed form constitutes the PPC plan. Along with an approved erosion and sedimentation control plan and reclamation plan as well as additional information supplied in the mining activity request, this PPC plan comprises the Stormwater Pollution Prevention Plan.

Option: If the permittee has a separate, comprehensive PPC plan located on the site, check this box and sign below to confirm that this document is available upon request.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

**F1. Facility Contact**

This person is the designated contact for the mining facility:

Name: Dustin Bishop Title: Operations Manager  
Address: 1376 Leisure Drive, Towanda PA 18848  
Phone: (24-hr emergency) 570-265-3500 Email: mindy@bishopbrothersinc.com

**F2. PPC Team**

List PPC team members (names and title) who will undertake and oversee the control measures in this plan and make necessary corrective actions:

1. Dustin Bishop, Operations Manager
2. Jim Haggerty, Safety/Environmental/Compliance
3. \_\_\_\_\_
4. \_\_\_\_\_

**Potential Pollutant Sources and Control**

**F3. Inventory**

List **all chemicals**, petroleum products, solvents, paint, acids, water treatment products, fertilizer, antifreeze, ice melt/salt, etc. that are to be used and stored on site. If more space is needed, please submit table on a separate page labeled "F3: Inventory"

Chemical and trade name	Location	Quantity	Storage Management (letter key) *	Coal sites only AST Inventoried?
off-road diesel fuel	transfer tanks	<100 gallons	A	<input type="checkbox"/>
lubricants	storage trailer	<10 cases	D	<input type="checkbox"/>
hydraulic oil	storage trailer	55 gallons	D	<input type="checkbox"/>
motor oil	storage trailer	55 gallons	D	<input type="checkbox"/>
antifreeze	storage trailer	10 gallons	D	<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

\* Key to Storage Management: A. Closed, sturdy containers      C. Secured Tarps      E. Other  
B. Open-sided covered      D. Sheds/buildings/trailers

**F4. History of site**

- a. Within 3 years prior to this being a mine site, was this site used for any industrial activity?  Yes  No  
If yes, what products (such as those listed above) were used, stored and/or disposed of at this site?
- b. Have leaks or spills occurred at this site in the past 3 years?  Yes  No  
If yes, provide details of the event.
- c. An authorized individual must evaluate the site for nonauthorized discharges such as leaking pipelines, drains, hoses and any other non-stormwater discharges.  
Date of evaluation: 04/28/23 Person who did evaluation: Tim Gourley

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**F5. Potential Pollution Locations**

Identify locations that have potential for spills or leaks at this site:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Excavation area      | <input checked="" type="checkbox"/> Vehicle refueling, maintenance or washing area |
| <input checked="" type="checkbox"/> Stockpile area       | <input checked="" type="checkbox"/> Equipment storage and maintenance area         |
| <input checked="" type="checkbox"/> Product storage area | <input checked="" type="checkbox"/> Chemical preparation area                      |
| <input checked="" type="checkbox"/> Haul roads           | <input checked="" type="checkbox"/> Treatment system setup                         |
| <input type="checkbox"/> Other(s) (list): _____          |  |

**F6. Pollution Control**

The operator or designated representative agrees to the following (check each):

- 1. Maintain regular pickup and disposal of waste materials
- 2. Undertake daily inspection of site for leaks and spills.
- 3. Ensure that chemical containers and supplies are properly and promptly stored after use.
- 4. Maintain equipment so that spills/leaks are avoided.
- 5. Undertake practices to keep control measures operational.
- 6. Take corrective actions to prevent and/or contain leaks and spills.
- 7. Ensure products are stored in appropriate containers that are clearly labeled.
- 8. Locate materials storage areas away from vehicle high-traffic areas.
- 9. Control garbage onsite to prevent dispersion by water or wind.

The above items are included as part of this PPC.

**F7. Emergency Procedures and Training**

The operator or designated representative confirms the following (check each):

- 1. The operator has in place a procedure for stopping, containing and cleaning up spills, leaks or other releases.
- 2. The operator agrees to train all on-site working personnel in the procedures listed in this PPC.
- 3. The operator has a procedure for notifying appropriate facility personnel, emergency response and regulatory agencies (including the District Mining Office) in the event of a spill, leak or release. \*

\* Attach this notification list to this document. List is attached.

The above items are included as part of this PPC.

**Inspections**

**F8. Inactivity**

a. Will this site be seasonally inactive?  Yes  No

If yes, provide time period of inactivity: \_\_\_\_\_

If yes, complete item b.

b. Please confirm the following by checking the appropriate box(es):

- Sites will be secured, and access limited to prevent dumping and vandalism during shutdown.
- Chemicals will be removed from the site during shutdown.
- Chemicals will be secured in locked structures during shutdown.

**F9. Self-inspection and plan updates**

The operator agrees to the following (check the box):

- 1. Undertake yearly, documented, self-inspections to ensure the PPC is up to date and all BMPs are working.
- 2. Retain the written self-inspection report for at least one year.
- 3. Update this PPC as necessary and upon renewal of the NPDES permit.

The above items are included as part of this PPC.

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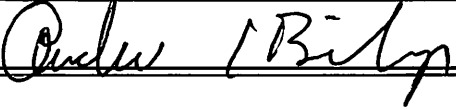
DEP Moshannon DMO



**Affidavit**

I certify under penalty of law that this PPC document and any attachments related to it were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Andrew L Bishop Title: President

Signature:  Date: 4-28-23

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## EMERGENCY TELEPHONE NUMBERS

**Ambulance**  
911

**Fire Department**  
911

**Pennsylvania State Police**  
911 or (570) 265-2186

**Bradford County Emergency Management Agency**  
(570) 265-5022

**MSHA – Mine Safety and Health Administration**  
800-746-1553

**PADEP Northcentral Regional Office**  
(570) 327-3636

**PADEP Moshannon District Mining Office**  
(814) 342-8200

**Pennsylvania Emergency Management Agency**  
800-424-7362

**Pennsylvania Fish and Boat Commission**  
(570) 477-5717

**US EPA, National Response Center**  
800-424-8802

**Bishop Brothers Construction Company, Inc.**  
570-265-3500

**Jim Haggerty, Safety/Environmental/Compliance Coordinator**  
607-483-1835

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