



<b>OFFICIAL USE ONLY</b>
ID # _____
Date Received _____

## APPLICATION FOR INDIVIDUAL NPDES PERMIT ASSOCIATED WITH MINING ACTIVITIES

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

### SECTION A. GENERAL APPLICANT INFORMATION

1. **Application Type**       New (\$1000)     Renewal (\$500)     Modification (\$500)     Transfer (\$500)

2. **Applicant:** **Dingmans Ferry Stone, Inc.**      3. **Associated Mining Permit No.:** 5209031  
NPDES Permit No.: PA0224791

4. **Operation Name:** Dingmans Ferry Stone Quarry      5. **License No.:** 5092      6. **Applicant Email:** ecrdepot@ptd.net

7. **Permit/Project Type: (check applicable)**

Coal     Noncoal

Mining permit (surface or underground)  
 Exploration  
 GP-105 (Bluestone)  
 Other \_\_\_\_\_

8. **Public notice. (See instructions to determine if public notice is required.)** Public notice has been submitted for publication. A draft notice is attached.     Yes     No

9. **Production qualifications (Small business exemption)**

COAL: Will coal production be at least 100,000 tons per year?     Yes     No  
NONCOAL: Will production be at least \$100,000 (1980 dollars) per year?     Yes     No

10. **Total Affected Area (Acres):** 68.2 acres  
*Include all associated haul roads. Note: This acreage may be greater than the acres for the associated mining permit.*

11. **Estimated Timeframe:** Start (or permit issuance) March 11, 2014      End (or permit expiration) March 11, 2024

12. **Permit Location or Physical Address:**  
436 Park Road, Dingmans Ferry, PA 18328

County	Municipality	City	Boro	Twp
<u>Pike</u>	<u>Delaware</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"/>

13. **Map View of Area**

Attach a map with outline of the affected area associated with the mining activity and label all outfalls.  
 Map is included as part of mining permit documents marked as Exhibit No. \_\_\_\_\_

14. **Receiving Stream/Watershed Name:** Hornbeck Creek  
Is this stream subject to a TMDL?     Yes     No

15. **Chapter 93 Receiving Water Designated Use:** HQ CWF-MF

**NOTE: If designated use is 'HQ' or 'EV', complete anti-degradation supplement form 5600-PM-BMP0007.**

16. **Existing Stream Use (if different from designated use):**

17. **During mining, drainage will result in:**

- Point source discharge(s) (complete Section C: Outfall Information)**
  - Surface Stream
  - Municipal or Private Storm Sewer -- Provide name of Storm Sewer Operator :
- Non-discharge**
  - Groundwater – infiltration
  - Containment without discharge (reuse)
- Other (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 permit/project type listed in item #2 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 (coal or noncoal) described in Item No. 2.

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 checked="" type="checkbox"/>	Sediment basins/traps with discharge outlet	<input type="checkbox"/>	Bio-infiltration areas
<input type="checkbox"/>	Constructed wetlands	<input checked="" type="checkbox"/>	Vegetated swales / Stabilized channels
<input checked="" type="checkbox"/>	Retention/containment basins	<input type="checkbox"/>	Constructed filters/ filter bags
<input checked="" type="checkbox"/>	Detention basin/pit sump	<input checked="" type="checkbox"/>	Stabilized site entrances
<input type="checkbox"/>	Non-discharging sedimentation traps	<input type="checkbox"/>	Wheel washes
<input checked="" 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 checked="" type="checkbox"/>	Street sweeping
<input type="checkbox"/>	Protect/Conserve/ Enhance Riparian areas	<input checked="" type="checkbox"/>	Runoff capture/Reuse
<input type="checkbox"/>	Restoration: Buffers/ Landscape/ Floodplain	<input checked="" type="checkbox"/>	Temporary sediment controls (silt fence/silt-sok)
<input type="checkbox"/>	Top of slope berms	<input type="checkbox"/>	Top of slope diversions
<input checked="" 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:

**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.

Describe the location and source of each point.				
Discharge Point (e.g. SP 01, SP 02 etc.)	Latitude	Longitude	Receiving Stream	Source of Discharge (e.g., sedimentation pond, groundwater sump, etc.)
SP01	41° 12' 32"	75° 54' 50.0"	Hornbecks Creek	E. S.
SP02	41° 12' 45"	75° 54' 44.3"	Hornbecks Creek	E. S.
SP03	41° 12' 44"	75° 54' 44.6"	Hornbecks Creek	E. S.

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

Flow				Treatment	
Discharge Point (e.g. SP 01, SP 02 etc.)	Average rate (mgd)	Design rate (mgd)	Frequency (months/yr)		
SP01	precipitation based	28.7 cfs (18 mgd)	in a 2 year storm	enlarged sediment basin that only discharges on heavy rain	
SP02	precipitation based	3.33 cfs/2 (2.1 mgd)/2	in a 2 year storm	future sediment basin in future phase one of two outfalls	
SP03	precipitation based	3.33 cfs/2 (2.1 mgd)/2	in a 2 year storm	future sediment basin in future phase one of two outfalls	

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)

For non-discharging sedimentation traps and groundwater infiltration points, provide the description and location:

Discharge Point:	Latitude:	Longitude:	Source of Discharge (e.g., sedimentation pond, groundwater sump, etc.):

**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. No thermal impact as discharge event only occurs during precipitation events and does not discharge directly into creeks.

**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:

**SECTION D. EFFLUENT CHARACTERIZATION**

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

**Discharge Point No(s):** 1 (others are future)

**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.

Constituent	Daily Max	Daily Average	Source of Information
pH	9		pH not less than 6.0, not greater than 9.0, standard units at all times
Total Suspended Solids (TSS)			
Chemical Oxygen Demand (COD) <sup>1</sup>			
Biochemical Oxygen Demand (BOD) <sup>1</sup>			
Ammonia (NH <sub>3</sub> ) <sup>1</sup>			
Total Organic Carbon (TOC) <sup>1</sup>			
Flow			
Temperature (high)			
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     NH<sub>3</sub>     TOC

Provide a justification for this waiver request.

**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-TP, Erbon, TCH or HCP under 40 CFR 122.21(g)(7)(viii)]

- 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.

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 discharge(s) [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		Nickel, Total	
Arsenic, Total		Selenium, Total	
Beryllium, Total		Silver, Total	
Cadmium, Total		Thallium, Total	
Chromium, Total		Zinc, Total	
Copper, Total		Cyanide, Total	
Lead, Total		Phenols, Total	
Mercury, Total			

**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 type="checkbox"/> Iron, Total
<input type="checkbox"/> Chlorine, Total Residual	<input type="checkbox"/> Oil and Grease	<input type="checkbox"/> Surfactants	<input type="checkbox"/> Magnesium, Total
<input type="checkbox"/> Color	<input type="checkbox"/> Phosphorus, Total	<input type="checkbox"/> Aluminum, Total	<input type="checkbox"/> Molybdenum, Total
<input type="checkbox"/> Fecal Coliform	<input type="checkbox"/> Radioactivity	<input type="checkbox"/> Barium, Total	<input type="checkbox"/> Manganese, Total
<input type="checkbox"/> Fluoride	<input 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 quantitative data for those checked.

**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.

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".

**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  
9 day of October 2018  
(month) (year)

Robyn Eldred  
 Signature of Notary Public

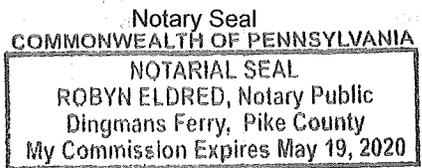
[Signature]  
 Signature of Applicant or Responsible Official

Richard Lavanant  
 Name (Typed) of Applicant or Responsible Official

Po Box 686  
 Address of Applicant

Dingmans Ferry PA 18828  
 Address of Applicant

Pres  
 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

Ann Wingert, P.E. 10-11-18  
 Print Name and Title Date Signed

RKR Hess a division of UTRS  
 Company  
112 North Courtland Street  
 Address

East Stroudsburg PA 570-421-1550 x412  
 City, State, Zip 18301 Phone

Email Address: awingert@rkrhess.com



NPDES No. \_\_\_\_\_  
Permit No. \_\_\_\_\_

**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: Richard Lavanant Print Name: Richard LAVANANT Date: 10/11/18

**F1. Facility Contact**

This person is the designated contact for the mining facility:

Name: Richard and Elaine Lavanant Title: owners  
Address: P.O. Box 686; Dingmans Ferry; PA 18328  
Phone: (24-hr emergency) 570-460-6974 Email: ecrdepot <ecrdepot@pfd.net>

**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. Richard and Elaine Lavanant
2. \_\_\_\_\_
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?
				<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: \_\_\_\_\_ Person who did evaluation: \_\_\_\_\_

**F5. Potential Pollution Locations**

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

- |   |  |
|---|--|
| <input type="checkbox"/> Excavation area        | <input checked="" type="checkbox"/> Vehicle refueling, maintenance or washing area |
| <input type="checkbox"/> Stockpile area         | <input checked="" type="checkbox"/> Equipment storage and maintenance area         |
| <input type="checkbox"/> Product storage area   | <input type="checkbox"/> Chemical preparation area                                 |
| <input type="checkbox"/> Haul roads             | <input 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):

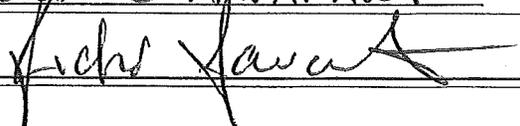
- 1. Undertake yearly, documented, self-inspections to ensure the PPC is up to date and all BMPs are working.
- 2. Retain the written self-inspection report for at least one year.
- 3. Update this PPC as necessary and upon renewal of the NPDES permit.

**The above items are included as part of this PPC.**

**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: Richard LAVANANT Title: owner

Signature:  Date: 10/11/2018

## PROJECT NARRATIVE

### SITE HISTORY

The site is located along Park Road, Township Route 344 and Milford Road, State Route 2001 in Delaware Township, Pike County, PA. 30% of the site is currently being utilized as a permitted quarry, with the other 70% of the site being undisturbed woodlands. Past uses are not known.

### DESCRIPTION OF PROPOSED ACTIVITIES (Revised)

The proposed activities include the NPDES permit renewal of expansion of mining activities into the undisturbed areas of the site. The proposed mining includes the mining of sand and gravel and shale; the same as the existing use. Currently mining operations are within the active Phase 1 area. The current NPDES permit is the expansion into Phases 2-4. At the current rate of mining, three to four years exist to the northern Phase 1 boundary. The active Phase 1 area contains an additional 8 acres.

As of an October 9, 2018 site visit, the previously proposed drainage pipes have been installed in Basin 1 and the required wetland mitigation area has been completed. The Basin 1 Outlet Control Structure conversion will be completed prior to the start of mining in the Phase 2 area. The existing ESC BMP's appeared to be functioning adequately for the Phase I operation.

Soil types with their limitations:

#### **BP Shale or gravel pit**

Formation is well to excessively drained with a variable erosion hazard. The depth to high water table is variable and depth to bedrock is at the surface to greater than 6'. The BP soils are found within the mining operation of the project. The limitations of this formation, are no soil, depth to bedrock, cave, high watertable, slope and seepage. All other limitations are slight to moderate and can be addressed by traditional BMPs.

#### **7B Shohola-Edgemere Complex**

##### Shohola

Formation is somewhat poorly drained with a slight erosion hazard. The depth to high water table is 1' to 1.5' and depth to bedrock is greater than 6'. The 7B soils are found within the mining operation of the project. The limitations of this formation are: wetness, stoniness, slow percolation, seepage and frost action. All other limitations are slight to moderate and can be addressed by traditional BMPs.

##### Edgemere

Formation is poorly drained with a slight erosion hazard. The depth to high water table is 0.5' to 1' and depth to bedrock is greater than 6'. The 7B soils are found within the mining operation of the project. The limitations of this formation are: wetness, stoniness, slow percolation, seepage and frost action. All other limitations are slight to moderate and can be addressed by traditional BMPs.

## NEWSPAPER PUBLIC NOTICES

### NPDES APPLICATION

Pursuant to the "Noncoal Surface Mining Conservation and Reclamation Act" and the "Clean Streams Law" notice is hereby given that Dingmans Ferry Stone, Inc. 436 Park Road, Delaware Township, Pike County PA (P.O. Box 686; Dingmans Ferry, PA 18328) has made application to the Pennsylvania Department of Environmental Protection for an "Individual NPDES Permit Associated with Mining Activities" at their Park Road Quarry. The Permit area totals sixty eight (68) acres and is situated one quarter mile west of the intersection of Milford Road (S.R. 2001) and Park Road in Delaware Township, Pike County PA. The receiving stream for this proposed permit area is Hornbeck Creek and 25 Pa Code Chapter 93 antidegradation classification HQ CWF, MF.

The Lake Maskenczha USGS Topo Pa., U.S. Geological Survey 7.5 minute topographic map contains the area described. A copy of the application is available for public inspection at the PA DEP Pottsville District Office; 5 Laurel Boulevard; Pottsville, PA 17901-2522 and Delaware Township Office; 116 Wilson Hill Road; Dingmans Ferry, PA 18328. Written comments, objections, or a request for public hearing or informal conference may be submitted to the Department of Environmental Protection, Pottsville District Mining Office, 5 West Laurel Boulevard, Pottsville, PA 17901 by (date/date should be 30 days following the date of the last (i.e. 4th) publication of this notice) and must include the person's name, address, telephone number, and a brief statement as to the nature of the objection(s).



# SUBURBAN TESTING LABS

## Results Report

Order ID: 8093901

Dingmans Ferry Stone  
PO Box 686  
Dingmans Ferry, PA 18328

Project: Quarterly Surface Water Testing  
Corner of Milford and Park Roads  
Dingmans Ferry, PA, 18328

Attn: Elaine Lavanant

Regulatory ID:

Sample Number: 8093901-01  
Collector: KSJ-STL

Site: SP-1  
Collect Date: 09/24/2018 10:08 am

Sample ID:  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Inorganics

pH, Field	6.50	pH Units	SM 4500-H-B		1	09/24/18	KKW	09/24/18 10:08	KSJ
Total Dissolved Solids (TDS)	210	mg/L	SM 2540-C	25.0	1	09/27/18	JPR	09/27/18 17:58	MMR
Temperature	17.5	°C	SM 2550-B		1	09/24/18	KKW	09/24/18 10:08	KSJ
Total Suspended Solids (TSS)	11.0	mg/L	SM 2540-D	4.0	1	09/27/18	AER	09/27/18 12:14	RES

Sample Number: 8093901-02  
Collector: KSJ-STL

Site: SP-2  
Collect Date: 09/24/2018 10:40 am

Sample ID:  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Inorganics

pH, Field	6.62	pH Units	SM 4500-H-B		1	09/24/18	KKW	09/24/18 10:40	KSJ
Total Dissolved Solids (TDS)	< 25.0	mg/L	SM 2540-C	25.0	1	09/27/18	JPR	09/27/18 17:58	MMR
Temperature	17.1	°C	SM 2550-B		1	09/24/18	KKW	09/24/18 10:40	KSJ
Total Suspended Solids (TSS)	15.0	mg/L	SM 2540-D	4.0	1	09/27/18	AER	09/27/18 12:14	RES

Sample Number: 8093901-03  
Collector: KSJ-STL

Site: MP-3  
Collect Date: 09/24/2018 11:00 am

Sample ID:  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Inorganics

pH, Field	6.94	pH Units	SM 4500-H-B		1	09/24/18	KKW	09/24/18 11:00	KSJ
Total Dissolved Solids (TDS)	< 25.0	mg/L	SM 2540-C	25.0	1	09/27/18	JPR	09/27/18 17:58	MMR
Temperature	19.5	°C	SM 2550-B		1	09/24/18	KKW	09/24/18 11:00	KSJ
Total Suspended Solids (TSS)	5.0	mg/L	SM 2540-D	4.0	1	09/27/18	AER	09/27/18 12:14	RES

Sample Number: 8093901-04  
Collector: KSJ-STL

Site: MP-4  
Collect Date: 09/24/2018 11:14 am

Sample ID:  
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	------	----	-----------	----	---------------	----

Inorganics

pH, Field	6.85	pH Units	SM 4500-H-B		1	09/24/18	KKW	09/24/18 11:14	KSJ
Total Dissolved Solids (TDS)	70.0	mg/L	SM 2540-C	25.0	1	09/27/18	JPR	09/27/18 17:58	MMR
Temperature	20.5	°C	SM 2550-B		1	09/24/18	KKW	09/24/18 11:14	KSJ
Total Suspended Solids (TSS)	< 4.0	mg/L	SM 2540-D	4.0	1	09/27/18	AER	09/27/18 12:45	RES

Report Generated On: 10/01/2018 3:24 pm 8093901  
STL\_Results Revision #1.6 Effective: 07/09/2014

### SUBURBAN TESTING LABS

1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com



PADEP 06-00208



# SUBURBAN TESTING LABS

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Ryan F Knerr  
Project Manager II

Report Generated On: 10/01/2018 3:24 pm 8093901  
STL\_Results Revision #1.6 Effective: 07/09/2014

1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 [suburbantestinglabs.com](http://suburbantestinglabs.com)



PADEP 06-00208



# Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605  
 Phone: 610-375-8378 - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Circle One): Standard - 24hr - 48hr - 72hr - Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply.)

ORDER ID: 8093901



<b>Client Name / Address:</b> Dingmans Ferry Stone PO Box 686 Dingmans Ferry, PA 18328 <b>Client Project Manager:</b> Elaine Lavanant	<b>Project Name / Address:</b> Quarterly Surface Water Testing Corner of Milford and Park Roads Dingmans Ferry, PA, 18328 Payment / P.O. info:
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Project Description:  
 Order Comments: Added via by APB 09/21/2018 09:29

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
8093901-01	SP-1		9/21/18 10:58	M	Non-potable	Grab	
<b>Container Type / Preservation</b>							
Field Services:							
500mL P		A			Inorganics		6.50
500mL P		B			pH, Field - SM 4500-H-B		17.5
500mL P		C			TDS - SM 2540-C		
					Temperature - SM 2550-B		
					TSS - SM 2540-D		
<b>Unassigned</b>							
Sample Collection, Custom 2 - SL0015							

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
8093901-02	SP-2		9/21/18 10:50	M	Non-potable	Grab	
<b>Container Type / Preservation</b>							
Field Services:							
500mL P		A			Inorganics		6.94
500mL P		B			pH, Field - SM 4500-H-B		17.1
500mL P		C			TDS - SM 2540-C		
					Temperature - SM 2550-B		
					TSS - SM 2540-D		
<b>Unassigned</b>							
Sample Collection, Custom 2 - SL0015							

Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
8093901-03	MP-3		9/21/18 11:00	M	Non-potable	Grab	
<b>Container Type / Preservation</b>							
Field Services:							
500mL P		A			Inorganics		6.94
500mL P		B			pH, Field - SM 4500-H-B		19.5
500mL P		C			TDS - SM 2540-C		
					Temperature - SM 2550-B		
					TSS - SM 2540-D		
<b>Unassigned</b>							
Sample Collection, Custom 2 - SL0015							

ORDER ID: 8093901



Sample Number	Sample Description - Site ID	Sampling Location	Collect Date/Time	Sampler's Initials	Matrix	Sample Type	Composite Start Date / Time
8093901-04	MP-4		9/24/18 11:14	WA	Non-potable	Grab	
Container Type / Preservation		Analysis - Method					
Field Services		Inorganics					
500mL P		pH, Field - SM 4500-H-B					
500mL P		TDS - SM 2540-C					
		Temperature - SM 2550-B					
		TSS - SM 2540-D					
		Unassigned					
		Sample Collection, Custom 2 - SL0015					
		Field Results					
		6.85					
		70.5					
		X					

WKO TAT = 5 Cool Sample(s) to 6 C

Relinquished By:	Count:	Date:	Temp (°C):
Received By:		Time:	Temp (°C):
Relinquished By:	8	Date: 9/24/18	Temp (°C): 2.2
Received in Lab By:	8	Time: 1:42	Acceptable: Y/N
		Date: 9/24/18	Temp (°C): 2.2
		Time: 1:42	Acceptable: Y/N

Sample Type Key	Reporting Options
G = Grab	<input type="checkbox"/> SDWA Reporting
8HC = 8 Hr. Composite	<input type="checkbox"/> PWSID
24HC = 24 Hr. Composite	<input type="checkbox"/> Email
D = Distribution	<input type="checkbox"/> Other
E = Entry Point	
R = Raw	
C = Check	
S = Special	
M = Maximum Residence	

Sample Conditions
Number of Containers \ Cooler received matches number on COC? <input checked="" type="radio"/> Y <input type="radio"/> N
Sample labels and COC free of discrepancies? <input checked="" type="radio"/> Y <input type="radio"/> N
All Containers Intact? <input checked="" type="radio"/> Y <input type="radio"/> N
VOA vials for VOA analysis free of headspace, if applicable? <input checked="" type="radio"/> Y <input type="radio"/> N

DEP Permit No. 52090301

Dingmans Ferry Stone  
(Company Name)

Dingmans Ferry Stone  
(Operation Name)

### Emergency Notification Procedures Environmental Emergency Plan

In case of emergency where individuals' safety is at risk, immediately dial  
**911**

For cases where individuals' safety is **not** at immediate risk, please call the following 3 agencies

Delaware Township Fire Company  
(Local fire company)  
911  
(phone number)

Pike County Office of Emergency Management  
(County)  
570 296-6714  
(phone number)

Pottsville District Mining Office (PADEP)  
**570-621-3118**

Dingmans Ferry Stone INC Richard Lavanant  
(mining company name and responsible official)  
570 828-2617  
(phone number)

If any of the 3 conditions below are encountered, immediately contact  
**NE PA DEP emergency response Regional Office at 570 826-2511 (24 HR)**  
(local DEP regional office) (regional office Number)

- 1.) The Pennsylvania Clean Streams Law regulations require that when any pollutant is discharged into surface or groundwater, including sewers, drains and ditches, the person spilling the substance or the person owning the premises from which the substance is spilled must notify the Department immediately.
- 2.) The Solid Waste Act requires the generator or the transporter to notify the Department immediately if there is a spill of a hazardous waste which affects surface water or groundwater regardless of amount. If there is no effect on water, quantities spilled in excess of a reportable quantity (RQ) must be reported. While the state RQs are fairly complex, it is a conservative assumption to say that all spills of hazardous wastes above five gallons must be reported.
- 3.) The Pennsylvania Storage Tank Act requires releases from underground and aboveground storage tanks be reported to the Department by the owner/operator.



Bowker Ln

Park Rd

436 Park Rd

Milford Rd

Milson Hill Rd

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