



OFFICIAL USE ONLY
ID # <u>46030301</u>
Date Received <u>10/14/14</u>

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 <input type="checkbox"/> New (\$1000) <input checked="" type="checkbox"/> Renewal (\$500) <input type="checkbox"/> Modification (\$500) <input type="checkbox"/> Transfer (\$500)				
2. Applicant: Gibraltar Rock, Inc.		3. Associated Mining Permit No.: 46030301 NPDES Permit No.: PA0224308		
4. Operation Name: Gibraltar Quarry		5. License No.: 6794	6. Applicant Email: searlen@silvi.com	
7. Permit/Project Type: (check applicable)				
<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 _____		
8. Public notice. (See instructions to determine if public notice is required.) Public notice has been submitted for publication. A draft notice is attached. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
9. Production qualifications (Small business exemption)				
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				
10. Total Affected Area (Acres): <u>241</u> <i>Include all associated haul roads. Note: This acreage may be greater than the acres for the associated mining permit.</i>				
11. Estimated Timeframe: Start (or permit issuance) <u>ongoing</u> End (or permit expiration) <u>permit expiration</u>				
12. Permit Location or Physical Address: Big Road (S.R. 73), New Hanover Township, Montgomery County, PA				
County	Municipality	City	Boro	Twp
<u>Montgomery</u>	<u>New Hanover</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				
<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>6</u>				
14. Receiving Stream/Watershed Name: <u>Unnamed tributary to Swamp Creek and Scioto Creek</u> Is this stream subject to a TMDL? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
15. Chapter 93 Receiving Water Designated Use: TSF, 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): Same				
17. During mining, drainage will result in:				
<input checked="" type="checkbox"/> Point source discharge(s) (complete Section C: Outfall Information)				
<input checked="" type="checkbox"/> Surface Stream				
<input type="checkbox"/> Municipal or Private Storm Sewer -- Provide name of Storm Sewer Operator :				
<input type="checkbox"/> Non-discharge				
<input type="checkbox"/> Groundwater -- infiltration				
<input type="checkbox"/> Containment without discharge (reuse)				
<input type="checkbox"/> Other (Including off-site discharges) -- Describe and attach documentation to support a legal right to discharge.				

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 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:

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.)
001	40° 19' 10"	75° 33' 13.5"	Tributary of Swamp Creek	Sump via Settling Basins A, B, & C
002	40° 19' 18"	75° 32' 56"	Tributary of Swamp Creek	E&S Control facilities
003	40° 19' 9.4"	75° 33' 42.7"	Tributary of Swamp Creek	E&S Control facilities

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

Flow				
Discharge Point (e.g. SP 01, SP 02 etc.)	Average rate (mgd)	Design rate (mgd)	Frequency (months/yr)	Treatment
001	0.4	-	daily	Sedimentation (Settling)
002	variable	-	variable	E&S Control facilities
003	variable	-	variable	E&S Control facilities

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 Google Earth _____

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. Quarry discharge results from stormwater runoff and/or groundwater inflow to the pit. Thermal impacts are minimized to the extent possible by limiting detention time to only that required to meet effluent limits. Additionally, mixing of stormwater runoff with the naturally cooler groundwater helps to control discharge temperature and minimize thermal impacts

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: accumulated sediment will be collected from the BMPs, stockpiled in the overburden stockpile areas, and utilized for reclamation.

SECTION D. EFFLUENT CHARACTERIZATION

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

Discharge Point No(s): **001, 002, & 003**

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	6.0 - 9.0	6.0 - 9.0	E - NPDES Permit Requirements
Total Suspended Solids (TSS)	70	35	E - NPDES Permit Requirements
Chemical Oxygen Demand (COD) ¹	-	-	E - Not Anticipated
Biochemical Oxygen Demand (BOD) ¹	-	-	E - Not Anticipated
Ammonia (NH3) ¹	-	-	E - Not Anticipated
Total Organic Carbon (TOC) ¹	-	-	E - Not Anticipated
Flow	0.4 MGPD for 001 & varies for 002 & 003	-	E - NPDES Permit Requirement
Temperature (high)	Varies	Varies	Temperature of sedimentation pond and groundwater sump discharge water varies seasonally.
Temperature (low)	Varies	Varies	

¹ 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.
COD, BOD, NH3, and TOC are not anticipated to be present in the Noncoal mining operation. See attachment 2 - D for more information.

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.

No Organic Toxic Pollutants expected.

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

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 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 quantitative data for those checked.

No Conventional / Nonconventional Pollutants are expected to be present in the discharge. See Attachment 2 for more information.

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 / Hazardous Substances are expected to be present in the discharge. See Attachment 2 for more information.

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

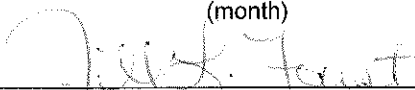
The information on the NPDES form must be certified as correct by one of the following, as applicable.

- 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.

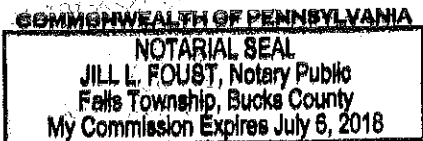
30. Applicant Affidavit

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
10th day of October 2014
(month) (year)


Signature of Notary Public

Notary Seal




Signature of Applicant or Responsible Official

Sean Earlen
Name (Typed) of Applicant or Responsible Official

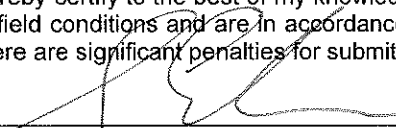
355 Newbold Road
Address of Applicant

Fairless Hills, PA 19030
Address of Applicant

Vice President- Real Estate, Environmental & Public Affairs
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

Sean Earlen, Vice President- Real Estate,
Environmental & Public Affairs
Print Name and Title
10/10/14
Date Signed

Gibraltar Rock, Inc
Company

355 Newbold Road,
Address

Fairless Hills, PA 19030 (267) 907-9154

City, State, Zip Phone

Professional Seal

Email Address: searlen@silvi.com

NPDES No. PA0224308
Permit No. 46030301

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: Sean Earlen Title: Vice President- Real Estate, Environmental & Public Affairs

Address: 355 Newbold Road, Fairless Hills, PA

Phone: (24-hr emergency) (267) 907-9154 Email: searlen@silvi.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. Aidan Kilcoyne- Director of Mining
2. Sean Earlen- Vice President Real Estate & Environmental
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?
None	N/A	N?A		<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<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: _____ 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 type="checkbox"/> Vehicle refueling, maintenance or washing area |
| <input type="checkbox"/> Stockpile area | <input type="checkbox"/> Equipment storage and maintenance area |
| <input type="checkbox"/> Product storage area | <input type="checkbox"/> Chemical preparation area |
| <input checked="" 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: Inactivity pending Township approval(s).

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.

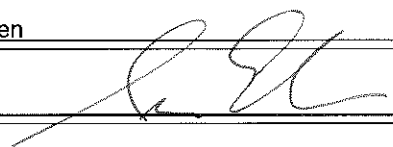
Affidavit

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.

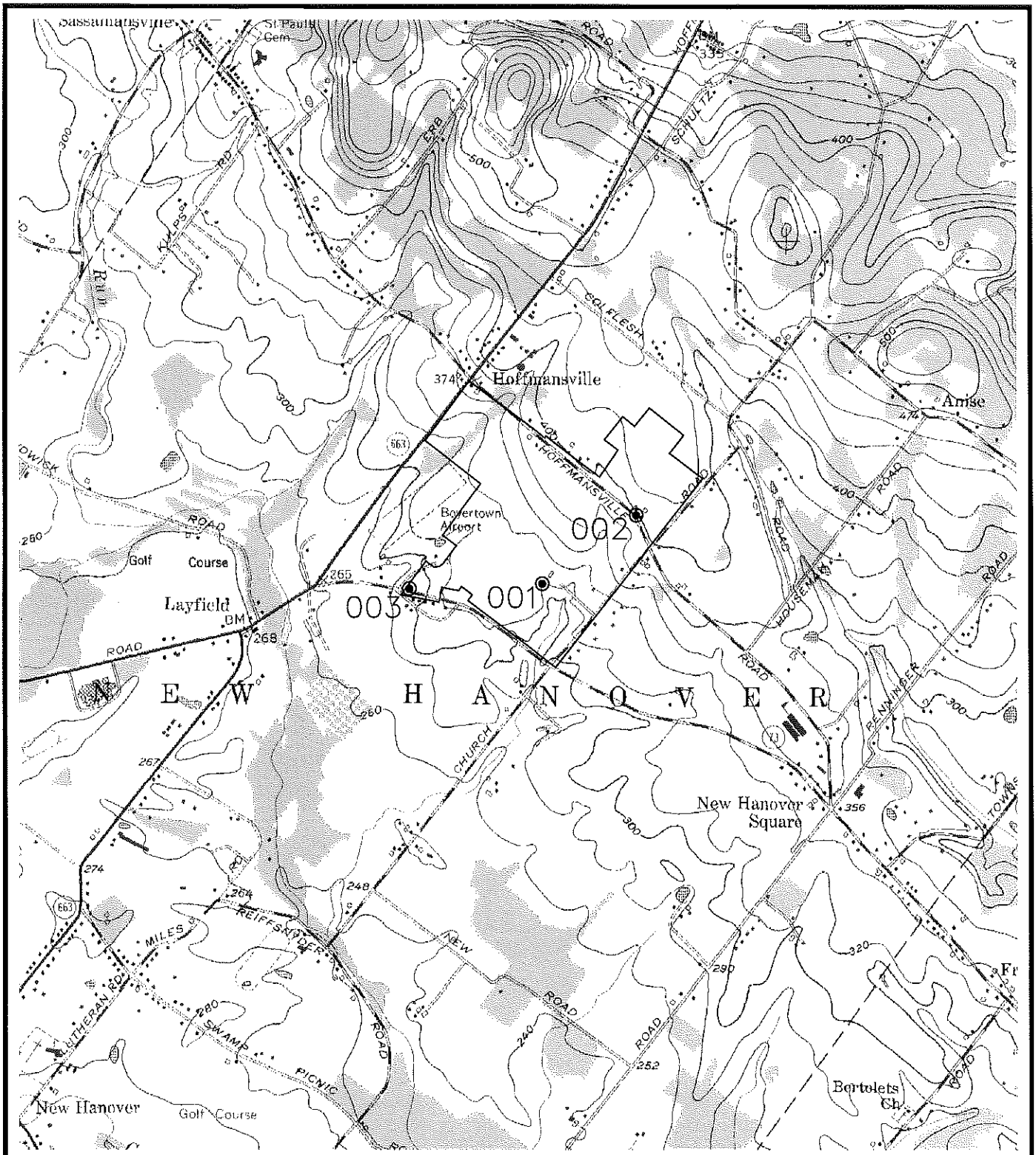
Name: Sean Earlen

Title: V. P- Real Estate, Environmental & Public Affairs

Signature: _____



Date: 10/10/14



SOURCE: USGS 7.5 MINUTE QUADRANGLE - SASSAMANSVILLE, PA



ENVIRONMENTAL ENGINEERING and SCIENCE

EARTHRES GROUP

EarthRes Group, Inc.
 P.O. Box 468
 7137 OJd Easton Road
 Pipersville, PA 18947 USA
 www.earthres.com
 215-766-1211

DRAWN BY: JTK	CHECKED BY: DFA
DATE: 6/25/2014	PROJECT NO: 021027.025
DRAWING SCALE: 1" = 2000'	

SITE MAP ATTACHMENT 1

GIBRALTAR ROCK, INC.
 GIBRALTAR ROCK QUARRY
 NEW HANOVER TOWNSHIP, MONTGOMERY COUNTY
 PENNSYLVANIA

Attachment 2

Effluent Characterization Summary for Outfalls

Outfall 001

Item #24 Common Parameters/Pollutants

Gibraltar Rock is hereby requesting a waiver per 40 CFR 122.21(K)(5)(i) for sampling Outfall 001 for the following constituents: chemical oxygen demand (COD), biochemical oxygen demand (BOD), ammonia (NH₃), and total organic carbon (TOC). COD is commonly used to indirectly measure the amount of organic compounds in water. Organic compounds are not expected in the discharge from Outfall 001. BOD is an indication of the organic quality of water and can be used to gauge the effectiveness of wastewater treatment plants. Outfall 001 is the discharge from Settling Basins (A, B, and C) and will eventually be the pumped discharge outlet from the pit sump. The organic quality of the water is not expected to be compromised from the mining of noncoal materials. TOC can be used as a rapid and accurate alternative to analyses for COD and BOD. As the need for COD and BOD is not expected, neither is analysis for TOC.

Item #25 Dioxins

There is no evidence that at any time dioxins, TCDD, 2,4,5-TP, Erbon, TCH or HCP were made, used, stored or buried on or directly upgradient from the surface mine permit area.

Item #26 Organic Toxic Pollutants

The pollutants listed in Table II are not expected to be present on the site.

Item #27 Other Toxic Pollutants

The metals identified in Item 27 are not expected to be naturally occurring at the site. The only mineral processing is the crushing plant and no metals contamination would be expected. Cyanide and phenols would not be expected as there is no chemical manufacturing or fossil fuel combustion occurring at the site.

Item #28 Conventional and Nonconventional Pollutants

Of the parameters listed in Item #28, aluminum, iron, manganese and sulfate may be detected at low levels, due to natural occurrence.

Since an asphalt plant is proposed, the outfall discharge will be analyzed annually for oil and grease.

Item #29 Toxic Pollutants and Hazardous Substances

The constituents list in Table V are not known to be present nor are they expected to be present in the discharge from Outfall 001. The constituents listed are not known to be used or manufactured at the site.

Outfall 002

Item #24 Common Parameters/Pollutants

Gibraltar Rock is hereby requesting a waiver per 40 CFR 122.21(K)(5)(i) for sampling Outfall 002 for the following constituents: chemical oxygen demand (COD), biochemical oxygen demand (BOD), ammonia (NH₃), and total organic carbon (TOC). COD is commonly used to indirectly measure the amount of organic compounds in water. Organic compounds are not expected in the discharge from Outfall 002. BOD is an indication of the organic quality of water and can be used to gauge the effectiveness of wastewater treatment plants. Outfall 002 is the discharge from Sediment Trap No. 1 (North Pit). The organic quality of the water is not expected to be compromised from the mining of noncoal materials. TOC can be used as a rapid and accurate alternative to analyses for COD and BOD. As the need for COD and BOD is not expected, neither is analysis for TOC.

Item #25 Dioxins

There is no evidence that at any time dioxins, TCDD, 2,4,5-TP, Erbon, TCH or HCP were made, used, stored or buried on or directly upgradient from the surface mine permit area.

Item #26 Organic Toxic Pollutants

The pollutants listed in Table II are not expected to be present on the site.

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The metals identified in Item 27 are not expected to be naturally occurring at the site. The only mineral processing is the crushing plant and no metals contamination would be expected. Cyanide and phenols would not be expected as there is no chemical manufacturing or fossil fuel combustion occurring at the site.

Item #28 Conventional and Nonconventional Pollutants

Of the parameters listed in Item #28, aluminum, iron, manganese and sulfate may be detected at low levels, due to natural occurrence.

Since an asphalt plant is proposed, the outfall discharge will be analyzed annually for oil and grease.

Item #29 Toxic Pollutants and Hazardous Substances

The constituents list in Table V are not known to be present nor are they expected to be present in the discharge from Outfall 002. The constituents listed are not known to be used or manufactured at the site.

Outfall 003

Item #24 Common Parameters/Pollutants

Gibraltar Rock is hereby requesting a waiver per 40 CFR 122.21(K)(5)(i) for sampling Outfall 003 for the following constituents: chemical oxygen demand (COD), biochemical oxygen demand (BOD), ammonia (NH₃), and total organic carbon (TOC). COD is commonly used to indirectly measure the amount of organic compounds in water. Organic compounds are not expected in the discharge from Outfall 003. BOD is an indication of the organic quality of water and can be used to gauge the effectiveness of wastewater treatment plants. Outfall 003 is the discharge from Sediment Trap No. 2. The organic quality of the water is not expected to be compromised from the mining of noncoal materials. TOC can be used as a rapid and accurate alternative to analyses for COD and BOD. As the need for COD and BOD is not expected, neither is analysis for TOC.

Item #25 Dioxins

There is no evidence that at any time dioxins, TCDD, 2,4,5-TP, Erbon, TCH or HCP were made, used, stored or buried on or directly upgradient from the surface mine permit area.

Item #26 Organic Toxic Pollutants

The pollutants listed in Table II are not expected to be present on the site.

Item #27 Other Toxic Pollutants

The metals identified in Item 27 are not expected to be naturally occurring at the site. The only mineral processing is the crushing plant and no metals contamination would be expected. Cyanide and phenols would not be expected as there is no chemical manufacturing or fossil fuel combustion occurring at the site.

Item #28 Conventional and Nonconventional Pollutants

Of the parameters listed in Item #28, aluminum, iron, manganese and sulfate may be detected at low levels, due to natural occurrence.

Since an asphalt plant is proposed, the outfall discharge will be analyzed annually for oil and grease.

Item #29 Toxic Pollutants and Hazardous Substances

The constituents list in Table V are not known to be present nor are they expected to be present in the discharge from Outfall 003. The constituents listed are not known to be used or manufactured at the site.

EMERGENCY RESPONSE AGENCIES

Agency	Telephone Number
Sassamansville Fire Company	“911” (610) 754-7500
New Hanover Township Fire Company	“911” (610) 323-0800
Gilbertsville Fire Company No. 1	“911” (610) 367-0277
New Hanover Township Police Department	“911” (610) 327-1150
Pennsylvania State Police Limerick Barracks	“911” (610) 495-7055
Montgomery County Emergency Management Agency (LEPC)	(610) 631-6530 (24 Hours)
Lower Bucks County Department of Health	(215) 949-5805
Pennsylvania Department of Environmental Protection, 2 East Main Street, Norristown, PA 19401	(484) 250-5900
United States Environmental Protection Agency (EPA) Region III 1650 Arch Street Philadelphia, PA 19103-2029	(800) 438-2474 (215) 814-9016
National Response Center	800-424-8802
United States Coast Guard* (Philadelphia, PA) (Port of Philadelphia)	(215) 271-4940 (215) 271-4942 (Alternate) (215) 271-4944 (Alternate)
Pottstown Memorial Medical Center	(610) 327-7000
Gilbertsville Area Community Ambulance Service	“911” (610) 327-7000
New Hanover Township Administrative Office	(610) 323-1008

*These agencies must be notified within 24 hours of a spill into navigable waters.

PUBLIC NOTICE

Pursuant to the "Noncoal Surface Mining Conservation and Reclamation Act" and the "Clean Streams Law" notice is hereby given that Gibraltar Rock, Inc., 355 Newbold Road, Fairless Hills, PA 19030 has made application to the Pennsylvania Department of Environmental Protection (DEP) for the renewal of an Individual National Pollution Discharge Elimination System (NPDES) Permit, number PA0224308, in association with the Gibraltar Quarry, Surface Mine Permit Number 46030301. The Gibraltar Quarry is located directly north of the intersection of Church Road and Route 73 (Big Road), and the permit area has frontage along Route 663 (Layfield Road), Route 73 (Big Road), Church Road, Colflesh Road and Hoffmansville Road.

The receiving stream for the NPDES discharge points is an unnamed tributary to Swamp Creek, which is classified as Trout Stocking (TSF), Migratory Fishes (MF) in 25 Pa Code Chapter 93. Scioto Creek (TSF, MF) will receive only perimeter berm runoff from the extreme northeast corner of the proposed permit area. The permit area is 241 acres, and is located on the Sassamansville, PA US Geological Survey 7.5 minute topographic map, approximately 15.9 inches north and 8.9 inches west of the lower right hand corner of the map.

A copy of the application is available for public inspection at the New Hanover Township Administrative office at 2943 North Charlotte Street, Gilbertsville, PA 19525. Written comment, objections, or a request for public hearing or informal conference may be submitted to the DEP, Pottsville District Mining Office, 5 West Laurel Boulevard, Pottsville, PA 17901 by **DATE** and must include the person's name, address, telephone number, and a brief statement as to the nature of the objection(s).