DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT
DIVISION OF MUNICIPAL and RESIDUAL WASTE

GENERAL PERMIT WMGR082

Processing and beneficial use of steel slag, iron slag, and refractory bricks that were co-disposed with slag as a construction material and beneficial use of steel slag as an alkaline amendment at coal mining activity sites, abandoned mine lands as defined in 25 Pa. Code § 86.252, and in industrial site remediation or reclamation

Issued: July 1, 2016
Expires: July 1, 2026
A. Description.

The approval herein granted is limited to the processing and beneficial use of steel slag, iron slag, and refractory bricks that were co-disposed with slag ("slag") as a construction material and beneficial use of steel slag as an alkaline amendment at coal mining activity sites, abandoned mine lands as defined in 25 Pa. Code § 86.252, and in industrial site remediation or reclamation. The authorized processing is limited to magnetic separation of metallics and mechanical sizing and separation. Uses of slag as a construction material under this permit are limited to the following: as an ingredient in bituminous concrete; as aggregate; as base course; as subbase; and as antiskid material.

All metallics separated from the slag during processing shall be shipped to a metals recycler for reclamation or reuse.

B. Determination of Applicability Requirements.

A person or municipality that proposes to operate under the terms and conditions of this general permit after the date of permit issuance must apply for and obtain a “Determination of Applicability” (“DOA”) from the appropriate Department Regional Office (see attached list) prior to commencing authorized activities under this general permit. A completed application on forms available from the Department must be submitted to the appropriate Department Regional Office. A check in the amount identified on Form 20 (Application for a Municipal or Residual Waste General Permit) shall be made payable to the “Commonwealth of Pennsylvania.”

No activities shall commence unless approved, in writing, by the Department.

C. Operating Conditions.

1. All activities conducted under the authorization granted in this permit shall be conducted in accordance with the permittee's application. Except to the extent that the permit states otherwise, the permittee shall operate the facility as described in the approved application.

2a. Slag shall not be placed directly into the environment if any of the following levels are exceeded:
<table>
<thead>
<tr>
<th>Constituent</th>
<th>Total (mg/kg)</th>
<th>Non-Mine Site Use Leachable (mg/L)</th>
<th>Mine Site Use Leachable (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony</td>
<td>30</td>
<td>0.15</td>
<td>0.15</td>
</tr>
<tr>
<td>Arsenic</td>
<td>41</td>
<td>1.25</td>
<td>0.25</td>
</tr>
<tr>
<td>Cadmium</td>
<td>39</td>
<td>0.25</td>
<td>0.125</td>
</tr>
<tr>
<td>Chromium (total)</td>
<td>1.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chromium (III)</td>
<td>190,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chromium (VI)</td>
<td>94</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copper</td>
<td>1500</td>
<td>32.5</td>
<td>25</td>
</tr>
<tr>
<td>Iron</td>
<td></td>
<td>7.5</td>
<td>7.5</td>
</tr>
<tr>
<td>Lead</td>
<td>200</td>
<td>1.25</td>
<td>0.375</td>
</tr>
<tr>
<td>Manganese</td>
<td></td>
<td>15</td>
<td>2.5</td>
</tr>
<tr>
<td>Nickel</td>
<td>420</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>PCBs (for landfilled slag only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-residential uses</td>
<td>2†</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residential uses</td>
<td>1‡</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thallium</td>
<td>15</td>
<td>0.0125</td>
<td>0.05</td>
</tr>
<tr>
<td>Zinc</td>
<td>2800</td>
<td>125</td>
<td>50</td>
</tr>
</tbody>
</table>

Should the slag contain other constituents which do not meet the requirements of §288.623(a) (relating to minimum requirements for acceptable waste) or which pose a threat of harm to human health or the environment, the slag shall not be placed directly into the environment.

†On a dry weight basis

*Other than use at a mine site, the Toxicity Characteristic Leaching Procedure (EPA Method 1311) or the Synthetic Precipitation Leaching Procedure (EPA Method 1312) or other leaching procedure approved by the Department shall be used for all leaching analyses. For use at a mine site, the Synthetic Precipitation Leaching Procedure (EPA Method 1312) or other leaching procedure approved by the Department shall be used for all leaching analyses.

‡The sample preparation for PCB determinations shall be EPA Method 3545.

b. In addition to the limitations in 4a, slag shall not be placed directly into the environment for use as antiskid or other surface application if the pH of the slag is less than 5.5 or greater than 10.0.

c. Slag shall not be used as an ingredient in bituminous concrete if the leachable levels in 4a are exceeded in the slag, unless the following levels are not exceeded in the bituminous concrete:
Constituent | Leachable (mg/L)*
--- | ---
Antimony | 0.15
Arsenic | 1.25
Cadmium | 0.25
Chromium (Total) | 1.25
Copper | 32.5
Lead | 1.25
Nickel | 2.5
Thallium | 0.0125
Zinc | 125

*The toxicity characteristic leaching procedure (EPA Method 1311) or the synthetic precipitation leaching procedure (EPA Method 1312) or other leaching procedure approved by the Department shall be used for all leaching analyses.

Once chemical analysis of the bituminous concrete demonstrates that these levels are not exceeded, reanalysis of the bituminous concrete is not required as long as:

i. constituent levels in the slag do not exceed those in the waste used to prepare the bituminous concrete analyzed for this demonstration.
ii. the quantity of slag per ton of bituminous concrete is not greater than the quantity used for this demonstration.

d. Slag shall not be used as an ingredient in bituminous concrete if the total PCB level in 4a is exceeded.

e. In addition to the limitations in 4a, steel slag shall not be as an alkaline amendment unless the pH of the slag is between 9.5 or 12.5 and the calcium carbonate equivalency (CCE) is at least 70 percent.

3. Prior to the beneficial use of the processed slag, the permittee shall perform chemical analysis on a representative sample of processed slag for the appropriate parameters listed in Condition C.2, including pH (solid) and calcium carbonate equivalency (CCE). The chemical analyses required in this Condition shall be performed by a laboratory that is in compliance with the Pennsylvania Environmental Laboratory Accreditation Act, Act of 2002, No. 90, 27 Pa C.S. §4101 et. seq. The permittee shall perform chemical analysis on additional representative samples of processed slag as follows:

a. annually, for slag obtained directly from the generator and produced on an ongoing basis. In addition, each time there is a significant change in the process generating the slag.

b. each time a new source of slag is received; or
c. quarterly, for slag which has previously been disposed and is being mined. One grab sample of slag shall be taken each week, of the slag that was processed during that week. These weekly grab samples shall be composited to make up the quarterly sample.

d. Should the level of any constituent equal or exceeding 90 percent of the limit in Condition C.2.a, future chemical analyses for the constituent shall be based on monthly samples until such time as levels of the constituent in three consecutive monthly samples are below 90 percent of the limit in Condition 4a. The monthly samples shall also be made up of composites of the weekly grab samples.

e. Should the level of any constituent exceed the limit in Condition C.2.a, a sampling plan for future chemical analyses for the constituent shall be submitted to the Department for approval. Slag shall not be beneficially used until the sampling plan is approved by the Department and adhered to by the permittee.

Should knowledge of the generation process, visual observations, or analytical results indicate variability in the quality of the slag, more frequent analysis may be required.

4. Prior to the beneficial use of slag or distribution of the slag prior to beneficial use, the permittee shall visually inspect the slag for unusual coloration, stain, or any other indication of contamination or the presence of other wastes or materials. If the presence of other wastes are indicated, as a result of visual observation or testing in compliance with Condition C.2, the slag shall not be beneficially used unless the other wastes have been removed from the slag to the greatest extent practical and the slag is retested and found to be in compliance with Condition C.2 or the use of the other waste(s) has been approved by the Department, under a beneficial use general permit, for the same beneficial use(s) as the slag will be utilized under this permit.

5. The slag shall not be hazardous waste.

6. The slag shall not be mixed with other types of solid wastes, including hazardous waste, municipal waste, special handling waste, or other residual waste.

7. The slag and metallics shall not be accumulated speculatively.

8. This permit does not authorize and shall not be construed as an approval to discharge any waste, wastewater, or runoff from the site of processing to the land or waters of the Commonwealth.

9. The permittee shall comply with the fugitive emissions standards adopted under 25 Pa. Code Sections 123.1 and 123.2.
10. In addition to the requirements of this general permit, a noncoal/industrial minerals permit approved by the appropriate District Mining Office is required to reprocess slag under this authorization or approval under 25 Pa. Code Chapter 77 prior to excavation of any previously disposed slag.

11. Nothing in this permit shall be construed to supersede, amend, or authorize a violation of any of the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not preempted by the Pennsylvania Solid Waste Management Act, 35 P.S. §6018.101 et seq., or the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988, 53 P.S. §4000.101 et seq.

12. As a condition of this permit and of the permittee’s authority to conduct the activities authorized by this permit, the permittee hereby consents to allow authorized employees or agents of the Department, without advance notice or search warrant, upon presentation of appropriate credentials and without delay, to have access and to inspect all areas or permittee controlled adjacent areas where solid waste management activities are being or will be conducted. This authorization and consent shall include consent to collect samples of waste, water, or gases; to take photographs; to perform measurements, surveys, and other tests; to inspect any monitoring equipment; to inspect the methods of operation; and to inspect and/or copy documents, books, and papers required by the Department to be maintained or produced. (See Sec. 608 and 610(7) of the Solid Waste Management Act, 35 P.S. Section 6018.608 and 6018.610(7).) This condition in no way limits any other powers granted to the Department under the Solid Waste Management Act.

13. Failure of the measures herein approved to perform as intended, or as designed, or in compliance with the applicable laws, rules and regulations and terms and conditions of this permit, for any reason, shall be grounds for the revocation or suspension of the permittee’s approval to operate under this permit.

14. Any independent contractors or agents retained by the permittee in the completion of activities authorized under this permit shall be subject to prior compliance history review by the Department as specified by the Pennsylvania Solid Waste Management Act of 1980.

15. The activities authorized by this permit shall not harm or present a threat of harm to the health, safety or welfare of the people or environment of this Commonwealth. The Department may modify, suspend, revoke or reissue the authorization granted in this permit if it deems necessary to prevent harm or the threat of harm to the public health, or the environment.

16. Daily inspections of equipment during waste processing activities shall be conducted to ensure that equipment will operate properly and to examine for evidence of equipment failure. During periods of extended equipment failure or shutdown, waste may be stored for no more than 90 days from the time the equipment failure or shutdown occurred. The permittee shall maintain at the
permitted facility an updated copy of a Preparedness, Prevention, and Contingency (PPC) plan for the facility prepared in accordance with the most recent edition of the Department’s "Guidelines for the Development and Implementation of Environmental Emergency Response Plans". The PPC plan shall be updated every 5 years or more frequently if necessary (e.g., if changes in phone numbers, equipment, or regulatory requirements occur).

19. Storage of slag by the permittee shall be in a manner that complies with 25 Pa. Code Chapter 299 (relating to the storage of residual waste). Leachate and runoff produced from the storage of slag shall be managed in accordance with The Clean Streams Law. Storage of residues from the processing of slag or other wastes discovered during the mining of slag shall be in a manner that complies with 25 Pa. Code Chapter 299 or 40 CFR Part 262, Subpart C (relating to pre-transport requirements for hazardous waste), as incorporated by reference in 25 Pa. Code 262a.10, whichever is applicable.

20. Any residues from the processing of slag or other wastes discovered during the mining of slag not approved for placement on-site in the reclamation plan under a non-coal mining permit shall be transported off-site, within 90 days, to a facility authorized to manage the waste in a manner that complies with 25 Pa. Code Chapter 299 (relating to the transportation of residual waste) or 40 CFR Part 263 (relating to transportation of hazardous waste), as incorporated by reference in 25 Pa. Code 262a.10, whichever is applicable.

21. The permittee shall comply with the terms and conditions of this general permit and with the environmental protection acts to the same extent as if the activities were covered by an individual permit. The Department may require an individual permit if the permittee is not in compliance with the conditions of this general permit or is conducting an activity that harms or presents a threat of harm to the health, safety, or welfare of the people or the environment.

22. Upon cessation of operations at the facility, the permittee shall comply with any applicable closure requirements in 25 Pa. Code § 297.272.

23. Prior to the beneficial use of slag as an aggregate or supplying slag for use as an aggregate, the permittee shall hydrate the slag as described in Section 703.2(a)(4) of the Pennsylvania Department of Transportation (PennDOT) as outlined in their Publication 408, Specifications. Leachate and runoff produced from the hydration of slag shall be managed in accordance with The Clean Streams Law.

24. When slag is proposed to be beneficially used at a mine site, the permittee shall only provide slag to a person for beneficial use slag at a specific mine site if the following conditions are met:

   a. The reclamation is occurring in accordance with a mining authorization that has been issued pursuant to 25 Pa. Code Chapters 86 - 88 or 90 to use the permittee’s material for that site and includes the requirements in Chapter 290,
Subchapters D and E (relating to water quality monitoring and storage) and Section 290.104 (relating to beneficial use at coal mining activity sites).

b. The coal mining activity site has written approval for beneficial use of this GP material and is in compliance with 25 Pa. Code Chapters 86-88 and 90.

c. The appropriate Department Regional Office (see attached list) receives a copy of the authorization for that mine site.

If there is a conflict between requirements contained in this general permit and those contained in the mining permit, the more stringent of the requirements applies.

25. The permittee shall inform all persons or municipalities that propose to beneficially use slag covered under this permit of all the conditions and limitations imposed on the use of slag by the Department of Environmental Protection. This notification shall be by providing a copy of the appropriate Appendix, Appendix A (Restrictions on Use of Slag as Construction Material) or Appendix B (Restrictions on Use of Steel Slag as an Alkaline Amendment) of this permit to the persons or municipalities. In addition, the permittee shall inform all persons or municipalities that propose to beneficially use slag covered under this permit of the acceptable uses of the slag being supplied based on the limitations in Condition C.2. The conditions in the Appendix shall apply to any person who operates pursuant to this general permit, including persons who obtain a Determination of Applicability to conduct activities authorized by this permit.

D. Recordkeeping.

1. Records of any analytical evaluations conducted on slag pursuant to the residual waste regulations and this permit, shall be kept by the permittee at the permittee's place of business and shall be available to the Department for inspection. At a minimum, these records shall include information on the dates of testing, each parameter tested, the results, the laboratory, sampling procedures, analytical methodologies, and person collecting the sample. This waste analysis information shall be retained by the permittee at the permittee's place of business for a minimum of 5 years after the analyses were performed.
2. The permittee shall maintain records that contain: the name, address, and phone number of each source of incoming slag, the date of receipt and quantity of slag received at each location, the results of analysis as required in Condition 3, results of testing to show slag satisfies the requirements of the applicable Pennsylvania Department of Transportation (PennDOT) specifications, as outlined in their Publication 408, Specifications, and the name, address, and phone number, and quantity for each destination of outgoing shipment of slag. Records of any analytical evaluations conducted on the slag shall include information on the dates of testing, each parameter tested, the results, the laboratory, sampling procedures, analytical methodologies and person collecting the sample. The permittee shall also maintain records of all spills of 1000 pounds or greater and releases that contain: location, date, time, identification and quantity of spilled or released material, and a description of how the material was cleaned up. These records shall be retained by the permittee at the permittee's place of business for a minimum of 5 years from the date the records were generated and shall be available to the Department for inspection.

E. Reporting Requirements.

1. The permittee shall immediately notify the Department's Emergency Hotline at (717) 787-4343 and the appropriate DEP regional office in the event of a discharge or spill of slag and shall take appropriate immediate action to protect the health and safety of the public and the environment. Spills of less 1000 pounds of slag need not be reported.

2. The permittee shall submit an annual report to the Department's office in the region where the permittee is located. This report shall contain a summary of all the information required in Conditions C.3 and D.2, and shall be submitted by the anniversary date on which the permittee was covered under this permit.

3. Any person that operates under the provisions of this permit shall immediately notify the Department's office in the region where the permittee is located via certified mail of any changes in: the company name, address, owners, operators and responsible officials; land ownership and the right to enter and operate on any land occupied by a facility; the system used to process waste; and the status of any permit issued by the Department or federal government under the environmental protection acts.

4. Any person currently operating under the provisions of this general permit must notify the Department's Regional Office having jurisdiction over the new processing facility, in writing, if the existing processing facility will be relocated to a new location, or if an additional processing facility, owned and/or operated by the permittee, will be added for coverage under this general permit.

   a. In addition to the notice, the following must be submitted for the Department’s approval: 
      i. A completed Form 20 (Application for a Municipal or Residual Waste General Permit);
      ii. An application fee in the amount identified in Section A (General Information) of Form 20 made payable to the “Commonwealth of Pennsylvania.”

   b. The new or relocated facility shall not operate until it has been approved by the Department.
F. Renewal.

A person or municipality that plans to continue the operations authorized under this general permit, after the expiration date indicated on the approval for coverage page, shall file a complete application for permit renewal at least 180 days before the expiration date of this general permit unless permission has been granted by the Department for submission at a later date. The renewal application shall include a completed (i) General Information Form (Authorization Application for a Residual or Municipal Waste General Permit Application), (ii) Form B (Professional Certification), (iii) Form 20 (Application for a Municipal or Residual Waste General Permit), (iv) Form 27 (Acceptance of General Permit Conditions), and (v) bonding worksheets, and (vi) a DOA application fee in the amount identified in Section A (General Information) of the Form 20 must be submitted to the appropriate Department Regional Office. A check shall be made payable to the “Commonwealth of Pennsylvania.” A copy of the renewal application shall also be sent to the attention of the Department’s Bureau of Waste Management, Division of Municipal and Residual Waste, Rachel Carson State Office Building, 400 Market Street, P.O. Box 69170, Harrisburg, PA 17106-9170.

In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the general permit or approval for coverage before its current coverage expiration date, the terms and conditions of the approved coverage will automatically continue and will remain fully effective and enforceable pending the issuance or denial of the renewal for permit coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the general permit.
APPENDIX A
Restrictions on Use of Slag
As Construction Material
General Permit No. WMGR082
Rev 5/2011

The following restrictions apply to the beneficial use of slag from the production of steel or iron as construction material. Persons receiving, storing, and/or using slag for beneficial use purposes are required to comply with the following requirements:

STORAGE AND TRANSPORTATION

A1. Slag shall not be stored in direct contact with ground water.

A2. The amount of slag that may be stored at any site at any point in time is limited to that amount of slag that is intended to be used, and can be practically used, on the site for the next 365 days, but in no case shall more than 5,000 tons of unused slag be stored on any one site unless otherwise approved by the Department.

A3. Runoff from slag storage areas shall not cause surface water pollution or groundwater degradation and shall be managed in accordance with The Clean Streams Law and regulations promulgated thereunder.

A4. Slag shall not be stored within these minimum isolation distances:
   (a) 100 feet of an intermittent or perennial stream;
   (b) 300 feet of a water source, unless otherwise approved by the Department, in writing;
   (c) 50 feet of a property line, unless the current owner has provided a written waiver consenting to the activities being closer than 50 feet;
   (d) 300 feet of an occupied dwelling, unless the current owner has provided a written waiver consenting to the activities being closer than 300 feet;
   (e) 100 feet of a sinkhole or area draining into a sinkhole;
   (f) 1,000 feet upgradient of a surface water source, unless otherwise approved by the Department, in writing;
   (g) 25 feet of the perimeter of an undrained depression
   (h) 300 feet of an exceptional value wetland

A5. The storage and transportation of the slag shall be in a manner that will not create a nuisance or be harmful to the public health, safety or the environment. The storage and transportation of slag shall comply with the requirements of 25 PA Code Chapter 299 (relating to storage and transportation of residual waste).

A6. Slag shall not be transported to or stored at any site prior to obtaining all necessary zoning and planning approvals for the proposed development project, prior to having an end use contract in place for the site where the slag are to be used, and prior to having financing in place for the proposed development project.
APPENDIX A
Restrictions on Use of Slag
As Construction Material
General Permit No. WMGR082

ACCEPTABLE USES:

A7. Approval to use slag as a construction material is limited to the following activities and must comply with the following technical standards developed by the Pennsylvania Department of Transportation (PennDOT) as outlined in their Publication 408, Specifications unless a written statement is obtained from the municipality or property owner indicating that these specifications are not applicable for the project.

(a) 206 (Embankment)
(b) 210 (Subgrade)
(c) 350 (Subbase)
(d) 600 (Incidental Construction)
(e) 703 (Aggregate)

USE RESTRICTIONS:

A8. Slag shall not be placed in direct contact with surface water or groundwater or used in any construction activity within 100 feet of a perennial stream, 300 feet of an exceptional value wetland or 300 feet of a private or public water source.

A9. Slag shall not be used as a valley fill material, to fill open pits from coal or other fills; or to level an area or bring an area to grade where the construction activity is not completed promptly after the placement of the solid waste.

A10. Use of slag as fill material in landfill closure and site remediation is not authorized under this general permit.

A11. Hazardous wastes, municipal waste, special handling waste, and other residual wastes may not be mixed and/or beneficially used with the slag.

A12. The beneficial use of slag shall be in a manner which will not create a nuisance or be harmful to the public health, safety or the environment.

A13. Placement of slag on any one project shall not continue for longer than 365 days without written authorization from the Department.
The following restrictions apply to the beneficial use of steel slag from the production of steel or iron as an alkaline amendment. Persons receiving, storing, and/or using slag for beneficial use purposes are required to comply with the following requirements:

**STORAGE AND TRANSPORTATION**

B1. Steel slag shall not be stored in direct contact with ground water.

B2. The amount of steel slag that may be stored at any site at any point in time is limited to that amount of steel slag that is intended to be used, and can be practicably used, on the site for the next 365 days, but in no case shall more than 5000 tons of unused steel slag be stored on any one site unless otherwise approved by the Department.

B3. Runoff from steel slag storage areas shall not cause surface water pollution or groundwater degradation and shall be managed in accordance with The Clean Streams Law and regulations promulgated thereunder.

B4. Steel slag shall not be stored within these minimum isolation distances:
   (a) 100 feet of an intermittent or perennial stream;
   (b) 300 feet of a water source, unless otherwise approved by the Department, in writing;
   (c) 50 feet of a property line, unless the current owner has provided a written waiver consenting to the activities being closer than 50 feet;
   (d) 300 feet of an occupied dwelling, unless the current owner has provided a written waiver consenting to the activities being closer than 300 feet;
   (e) 100 feet of a sinkhole or area draining into a sinkhole;
   (f) 1,000 feet upgradient of a surface water source, unless otherwise approved by the Department, in writing;
   (g) 25 feet of the perimeter of an undrained depression
   (h) 300 feet of an exceptional value wetland

B5. The storage and transportation of the steel slag shall be in a manner that will not create a nuisance or be harmful to the public health, safety or the environment. The storage and transportation of slag shall comply with the requirements of 25 PA Code Chapter 299 (relating to storage and transportation of residual waste).
B6. Steel slag shall not be transported to or stored at any site prior to obtaining all necessary zoning and planning approvals for the proposed development project, prior to having an end use contract in place for the site where the slag are to be used, and prior to having financing in place for the proposed development project.

ACCEPTABLE USES:

B7. Approval to use steel slag as an alkaline amendment at coal mining activity sites, abandoned mine lands is limited to projects that are consistent with applicable Department requirements and contracts. Approvals to use steel slag at a specific mining activity site must be approved as part of the reclamation plan in the mining permit. Approvals to use steel slag at abandoned mine sites is limited to reclamation pursuant to coverage under a signed contractual agreement with the Department for reclamation of an abandoned mine.

B8. Approval to use steel slag as an alkaline amendment for remediation or reclamation at an industrial site is limited to sites being remediated under Chapter 250 (relating to administration of land recycling program).

USE RESTRICTIONS:

B9. Steel slag shall not be placed in direct contact with surface water or groundwater or used in any construction activity within 100 feet of a perennial stream, 300 feet of an exceptional value wetland or 300 feet of a private or public water source.

B10. Slag shall not be used as a valley fill material, to fill open pits from coal or other fills; or to level an area or bring an area to grade.

B11. Hazardous wastes, municipal waste, special handling waste, and other residual wastes may not be mixed and/or beneficially used with the steel slag.

B12. The beneficial use of steel slag shall be in a manner which will not create a nuisance or be harmful to the public health, safety or the environment.

B13. Placement of steel slag on any one project shall not continue for longer than 365 days without written authorization from the Department.
Department of Environmental Protection
Regional Offices
(and Counties Served)

I. Bucks, Chester, Delaware, Montgomery, Philadelphia.

Southeast Regional Office
2 East Main Street
Norristown, PA 19401
Phone: (484) 250 - 5960


Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790
Phone: (570) 826 - 2516

III. Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York.

Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110-8200
Phone: (717) 705 - 4706

IV. Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union.

Northcentral Regional Office
208 West 3rd Street - Suite 101
Williamsport, PA 17701
Phone: (570) 327 - 3653


Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Phone: (412) 442 - 4000

VI. Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren.

Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335-3481
Phone: 814-332-6848