

GENERAL PERMIT WMGM019

PROCESSING OF MUNICIPAL WASTE FOR BENEFICIAL USE

A. Description:

The approval herein granted is limited to the following solid waste management activities:

- a. Processing and beneficial use of the waste concrete and asphalt to produce a roadway construction material. The approved processing is limited to size reduction (i.e., crushing, grinding, screening, mixing) of the concrete and asphalt waste, hereinafter referred as "crushed concrete and asphalt", prior to beneficial use as follows:
 - i. As an aggregate, a sub-grade or a sub-base material for roadway construction.
 - ii. As a construction material for compacted roadway shoulder applications covered with a sealer (i.e., a thin bituminous coating intended to limit the reclaimed asphalt pavement materials from washing and leaching).
 - iii. Being blended with other virgin aggregate as a roadway sub-base for roadway construction use.
 - iv. As an aggregate, a sub-grade or a sub-base material for driveways, sidewalks, embankments, storm sewer, sanitary pipe, parking areas, or roadway construction at new residential or commercial building construction sites owned or contracted by the permittee, and/or distributed to wholesale outlets.
- b. Processing and beneficial use of timber waste (i.e., tree stumps, limbs, clean wood, untreated and unpainted lumber, shrubs), hereinafter referred to as "wood waste", and uncontaminated soil to produce topsoil and mulch for landscaping purposes. The approved processing is limited to shredding, screening, mixing, and biological decomposition of the wood waste prior to beneficial use as a landscaping mulch material.
- c. Processing and beneficial use of leaf and yard waste (i.e., source segregated leaf and yard waste, grass clippings) to produce compost.

B. Determination of Applicability Requirements:

A person or municipality that proposed to operate under the terms and conditions of this general permit after the date of permit issuance must 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 (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 27M (Acceptance of General Permit Conditions), (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

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Department Regional Office. A check shall be made payable to the "Commonwealth of Pennsylvania". No activities shall commence unless approved, in writing, by the Department.

C. Operating Conditions:

1. The crushed concrete and asphalt materials may be beneficially used if the following quality criteria requirements are met:
 - a. Where the crushed concrete and asphalt materials will be beneficially used as a sub-grade in roadway construction, the crushed concrete and asphalt materials must comply with the requirements in Section 210 of the Pennsylvania Department of Transportation (PennDOT) specifications as outlined in their Publication No. 408 (Specifications). The crushed concrete and asphalt materials will be beneficially used only in the preparation of a roadbed and/or prior to the final asphalt placement.
 - b. Where the crushed concrete and asphalt materials will be beneficially used as an aggregate or blended with other aggregate as a roadway construction material, the crushed concrete and asphalt materials must comply with the requirements in Section 703 of the Pennsylvania Department of Transportation (PennDOT) specifications as outlined in their Publication No. 408 (Specifications).
 - c. Where the crushed concrete and asphalt materials will be beneficially used as a construction material for shoulder applications, the crushed concrete and asphalt materials must be compacted, and covered with a sealer which complies with the requirements of the Pennsylvania Department of Transportation (PennDOT) specifications as outlined in their Publication No.408 (Specifications);
 - d. Where the crushed concrete and asphalt materials will be beneficially used under a project contract, the contract must specifically address the engineering qualities and characteristics that must be met for completion of the job or project. The contract must specifically indicate that the crushed concrete and asphalt materials satisfy the engineering requirements and the specifications for the job or project;
 - e. Where the crushed concrete and asphalt materials will be beneficially used as an ingredient or a component in the production of hot or cold mix asphalt- paving material, the asphalt-paving material must meet the applicable requirements of the American Society for Testing and Materials (ASTM) Standard, or other National, state, or industry standard for which it is being used.
 - f. The crushed concrete and asphalt materials must conform to the applicable engineering properties as the raw material it is being substituted for.

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- g. Prior to waste concrete being accepted and processed for beneficial use at the permitted processing facility, the permittee must ensure that all grout and caulking (i.e., plasticized/rubberized materials) materials be removed from all demolition materials from building/structures that were constructed prior to 1978.
2. The finished mulch may be beneficially used if the chemical analysis of the finished mulch material does not exceed the concentration limits for any parameter specified in Table 1 below:

Table 1

| Parameters | Total (mg/kg) ⁽¹⁾ | Leachable⁽²⁾ (mg/l) |
|-------------------|-------------------------------------|---------------------------------------|
| pH | 6.0 – 9.0 Std Unit | - |
| Arsenic | 41 | 1.25 |
| Barium | 5,000 | 50.0 |
| Boron | 7,000 | 3.15 |
| Cadmium | 20 | 0.125 |
| Chloride | - | 250 |
| Chromium (Total) | 1,000 | 2.5 |
| Copper | 700 | 32.5 |
| Lead | 200 | 1.25 |
| Mercury | 20 | 0.05 |
| Molybdenum | 75 | - |
| Nickel | 200 | 17.5 |
| Nitrate Nitrogen | Monitoring | 10.0 |
| PCBs | 5.0 | - |
| Selenium | 60 | 1.0 |
| Sulfate | - | 250 |
| Zinc | 1,000 | 125 |

(1) = Dry Weight Basis

(2) = Leachability evaluations shall be conducted using the Toxicity Characteristic Leaching Procedure (EPA Method 1311) or the Synthetic Precipitation Leaching Procedure (EPA Method 1312).

The determination of compliance with Table 1 may be based on the 90 percent upper confidence level for each metal or the 80 percent confidence interval for pH using the Test Methods for Evaluating Solid Waste (EPA SW-846) as guidance for the statistical treatment of data.

3. The finished compost may be beneficially used if the following quality requirements are met:
- a. The finished compost shall be free from weed seeds.

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- b. Equal or greater than 98% of the finished compost is passing 3/8" screen on the dry weight basis.
- c. The chemical analysis of finished compost material does not exceed the concentration limits for any parameter specified in Table 2 below:

Table 2

| Parameters | Limits |
|-------------------------------|------------------------------------|
| pH | 6 – 8 Standard unit |
| Soluble Salts | ≤ 5 dS/m or mmho/cm ⁽¹⁾ |
| Sodium Absorption Ratio (SAR) | ≤ 10 |
| Carbon-Nitrogen Ratio (C/N) | ≤ 24:1 |
| % Moisture | 25% - 35% |

(1) mmho/cm = milli reciprocal.ohm.cm

- 4. Raw materials used in the production of compost shall not have been previously treated with herbicides (i.e., clorpyralid) having a long residual effects.
- 5. This general permit authorizes the use of aerated piles, static piles or windrows to produce the mulch material and compost as follows:
 - a. The aerated or static piles of mulch material, and compost piles or windrows shall be constructed parallel to slopes of the site.
 - b. The aerated or static piles of mulch material, during the processing operation, shall not exceed 50 feet wide by 20 feet high.
 - c. At a minimum, the temperature of the aerated or static piles of mulch material, during the processing operation, shall be maintained in the range of 45°C – 60°C (113°F - 140°F) for at least 72 consecutive hours.
 - d. The aerated piles, static piles or compost windrows shall be turned and the turning frequency shall be consistent with currently accepted science-based technology.
 - e. The processed mulch material and compost shall be cured for a minimum of 30 days prior to beneficial use.
 - f. The storage of finished mulch material shall not exceed 50 feet wide and 35 feet high.
 - g. The compost piles or windrows, during the processing operation, shall not exceed 16 feet wide

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by 8 feet high and 300 feet long.

- h. At a minimum, the temperature of compost piles or windrows, during the composting operation, shall be maintained in the range of 45^oC – 60^oC (113^oF- 140^oF) for at least 15 days.
 - i. The optimal moisture content of compost piles or windrows, during composting operation, shall be maintained in the range of 40% - 65%.
 - j. The oxygen content of compost piles or windrows, during composting operation, shall be maintained at the level of greater than 5%.
 - k. Leaf and yard waste must be incorporated or mixed into the partially composted windrows within 24 hours of receipt of the leaf and yard waste.
 - l. At a minimum, 20 feet of space shall be maintained between the aerated piles, static piles or windrows to allow the unobstructed movement of emergency personnel and equipment.
 - m. No ponding of run-on or run-off is allowed. Any un-drained depressions accumulating run-on or run-off shall be regraded or otherwise corrected within 24 hours of detection.
6. The beneficial use of finished mulch material or finished compost is contingent upon compliance with conditions of this general permit and, if sold, the applicable provisions of the Pennsylvania Fertilizer, Soil Conditioner and Plant Growth Substance Law of the Pennsylvania Department of Agriculture. Information related to this law may be obtained from the Department of Agriculture by writing the Bureau of Plant Industry, Division of Agronomic Services, 230 North Cameron Street, Harrisburg, PA 17110-9408.
7. a. In compliance with the requirements specified in Conditions 2 and 3 of this general permit, representative samples of the finished mulch and compost material must be collected and analyzed. To obtain a representative sample of the finished mulch and compost material, the sample must be taken from the correct locations and represent the entire amount of finished mulch and compost material. More than one sample is usually necessary to accurately represent the finished mulch and compost material produced and stored. Core samples at different locations and at various depths shall be collected and then composited to obtain a representative sample of the finished mulch and compost material produced or stored. The key is to obtain a representative sample. In general, the more samples taken, the greater the chance that the sampling results will be representative of the quality of the finished mulch and compost material that is produced.

Should knowledge of the production of finished mulch and compost material, visual observations, or analytical results indicate variability in the quality of the finished mulch and compost material, more frequent testing shall be conducted.

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b. The frequency of monitoring for the constituents required in Table 1 of Condition 2 shall be as follows:

TABLE 3

| Amount of Finished Mulch or Compost Material Produced (Tons per 365 Day Period) | Frequency of Monitoring |
|--|--------------------------------|
| Greater than 0 but less than 290 | Once per year |
| Equal to or greater than 290 but less than 1,500 | Once every 6 months |
| Equal to or greater than 1,500 but less than 15,000 | Once per 90 days |
| Equal to or greater than 15,000 | Once per month |

c. The frequency of monitoring for the constituents required in Table 2 of Condition 3 of this general permit shall be once every 6 months (twice per year).

8. a. The permittee shall collect representative samples of the finished mulch material, and analyze for the total (mg/kg) and leachable (mg/L) levels for each parameter specified in Table 1 of Condition 2 of this general permit.
- b. The permittee shall collect representative samples of the finished compost material, and analyze for each parameter listed in Table 2 of Condition 3 of this general permit.
- c. Upon request by the Department, the permittee shall also collect and analyze representative samples of the finished mulch and/or compost materials as required in Conditions 2 and 3 of this general permit within 48 hours of the request.

The chemical analyses required in this Condition shall be performed by a laboratory accredited or registered for accreditation under the Pennsylvania Environmental Laboratory Accreditation Act, Act of 2002, No. 25.

9. The finished mulch or compost material that does not meet the requirements as specified in Conditions 2 and 3, and crushed concrete and asphalt that are not beneficially used in accordance with this general permit and as described in the approved application shall be managed properly at a permitted disposal

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facility unless authorized by the Department, in writing, to do otherwise.

10. The tipping, staging, curing and processing areas of mulch and compost material shall be constructed and maintained in a well-drained area with a workable surface and slope of 2% – 4% to prevent ponding and control surface water runoff. The tipping, staging, curing and processing areas shall be delineated by markers meeting the requirements of 25 Pa. Code §281.211 (b).
11. Construction and demolition waste, painted and treated wood, plastic bags, particle board, food waste, food processing sludge, spent mushroom substrate, manure, dewatered dredge waste, non-compostable residues, waste materials not identified in Section A (Description) above, are not authorized under this general permit.
12. Rejected and other wastes, other than crushed concrete and asphalt, wood waste and leaf and yard waste specified in A. Description of this general permit, that are not authorized under this general permit, shall be separated from the incoming waste materials intended for beneficial use in the production of crushed concrete and asphalt, mulch and compost material.
13. Wastes, other than crushed concrete and asphalt, wood waste and leaf and yard waste specified in A. Description of this general permit, may not be received, mixed, stored or beneficially used with the crushed concrete and asphalt, wood waste, leaf and yard waste authorized under the general permit in the production of construction material, mulch or compost material. The unauthorized wastes in this Condition shall either be rejected and returned with the delivering vehicle or shall be removed weekly from the site and properly disposed of at a permitted municipal waste disposal facility. Any on-site storage shall comply with the requirements as specified in Pa. Code, Chapter 285.
14. The processing and beneficial use activities authorized by this general 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:
 - a. Modify, suspend, revoke or reissue the authorization granted in this general permit if the permittee cannot comply with the conditions of this general permit or if the authorized activities cannot be adequately regulated under the conditions of this general permit.
 - b. Require an individual permit be obtained if it is deemed necessary to prevent harm or the threat of harm to the public health, and the environment.
15. The working surface (i.e., processing and storage areas) of the mulch and compost material should be firm, uniformly graded, dry and as follows:
 - a. Soil of moderate permeability: A compacted mixture, at least four feet thick, of select granular material with adequate fine-grained particles to bind it together and reduce permeability.
 - b. Soil of rapid or very rapid permeability: A clay or geosynthetic liner to address permeability and stability as well as to reduce the leaching potential problems.

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- c. A surface paved with concrete or asphalt.
16. Storm water runoff at the facility should be diverted away from the processing, tipping, staging, curing and storage areas of the crushed concrete and asphalt, wood waste, leaf and yard waste, mulch and compost material. Surface water controls shall be based on a 24-hour precipitation event to be expected once every 25 years. Proper drainage (i.e., dikes, diversions, drains, etc.) must be constructed and maintained to prevent ponding and excessive wetting.
 17. Runoff from the crushed concrete and asphalt, wood waste, leaf and yard waste, finished mulch material, and finished compost 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.
 18. The crushed concrete and asphalt, finished mulch and compost materials or construction materials manufactured using crushed concrete and asphalt materials as a component or ingredient shall not be used as a valley fill material, to fill open pits from coal or non-coal mining or other fills or to level an area or bring an area to grade.
 19. The crushed concrete and asphalt, finished mulch and compost materials under the authorization granted in this general permit shall be managed in accordance with the permittee's application. Except to the extent the permit states otherwise, the permittee shall utilize the crushed concrete and asphalt, finished mulch and compost materials for beneficial use purposes as described in the permit application.
 20. Except for the authorized activities in Section A (Description) of this general permit, the crushed concrete and asphalt, wood waste, leaf and yard waste materials shall not be mixed with other types of residual waste, municipal waste, hazardous waste, or special handling waste.
 21. The permittee shall comply with the fugitive emissions regulations under 25 Pa. Code, Chapter 123 (Standards for Contaminants) issued under the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, 35 P.S. §4005 and shall comply with all the applicable provisions of the Fugitive Emissions §§123.1 and 123.2.
 22. Nothing in this permit shall be construed to supersede, amend, or authorize a violation of any of the provisions of any valid and applicable law, ordinance, or regulations, providing that said local law, ordinance, or regulation is not preempted by the Pennsylvania Solid Waste Management Act, 35 P.S. §6018.101 et seq.; and the Municipal Waste Planning, Recycling and Waste Reduction Act of 1989, 53 P.S. §4000.101 et seq.
 23. As a condition of this general permit and of the permittee's authority to conduct the activities authorized by this permit, the permittee hereby authorizes and consents to allow authorized employees or agents of the Department, without advance notice or search warrant, upon presentation of appropriate credential 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 wastes, waters, or gases; to take photographs; to perform measurements, surveys, and other tests; to inspect any monitoring equipment; to inspect the methods of

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operation; and to inspect and/or copy documents, books, and papers required by the Department to be maintained or produced. (See §§608 and 610 (7) of the Solid Waste Management Act, 35 P.S. §§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.

24. Failure of measures herein approved to perform as intended, or as designed, or failure to be compliance with the applicable laws, rules, and regulations and terms and conditions of this general permit, for any reason, shall be grounds for the revocation or suspension of the permittee's approval to operate under this general permit.
25. Any independent contractors or agents retained by the permittee in the completion of activities authorized under this general permit shall be subject to compliance history review by the Department prior to performance as specified by the Solid Waste Management Act of 1980, as amended.
26. The crushed concrete and asphalt, finished mulch and compost materials shall be managed in accordance with the Solid Waste Management Act, the act July 7, 1980, as amended, P.L. 380, 35 P.S. §§ 6018.101 et seq. and the regulations promulgated therein.
27. The permittee and subsequent sellers of the crushed concrete and asphalt, finished mulch and compost materials shall inform all persons or municipalities and other entities who purchase crushed concrete and asphalt, finished mulch and compost materials from the permittee, which propose to beneficially use the crushed concrete and asphalt, finished mulch and compost materials covered under this general permit of the conditions and limitations imposed on the beneficial use of crushed concrete and asphalt materials by the Department of Environmental Protection (Department). This notification shall be by providing a copy of Appendix A (Use Restrictions) of this permit to all persons or municipalities which propose to beneficially use the crushed concrete and asphalt, finished mulch and compost materials. The conditions in Appendix A also apply to: (1) the permittee, (2) any municipality or person who obtains a determination of applicability to conduct activities authorized by this general permit, and (3) all subsequent end-users of the crushed concrete and asphalt, finished mulch and compost materials.

The permittee shall record the name and address of each person who is given or purchases the crushed concrete and asphalt, finished mulch and compost materials and shall record its intended use(s).

28. Equipment used for the collection, storage and transportation of the crushed concrete and asphalt, finished mulch and compost materials shall be maintained in good operating condition. Weekly inspections of collection and storage areas and their surrounding environs are to be conducted to determine compliance of the terms and conditions of this general permit, and for evidence of failure.
29. Upon cessation of operations or by the expiration date of this general permit or unless extended by the Department in writing, the permittee shall remove any remaining stored crushed concrete and asphalt, finished mulch and compost materials and any other residual wastes or other materials which contain or have been mixed with the crushed concrete and asphalt, finished mulch and compost materials and shall provide for the processing and disposal of the waste or material in accordance with the Solid Waste Management Act, the environmental protection acts and the regulations promulgated thereunder.

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30. Storm water runoff from the processing, tipping, staging, curing and storage areas of the concrete, asphalt, mulch and compost material and leachate from the production of mulch or compost material, if generated, shall be directed to:
 - a. A properly sized vegetated filter area for treatment.
 - b. A properly sized holding pond for later reuse, or
 - c. A holding tank for later disposal. The permittee shall not cause or allow a point or non-point source discharge of the combined storm water runoff and leachate in this Condition from the facility to the surface water of this Commonwealth. An NPDES (National Pollutant Discharge Eliminate System) permit may be required if a point or non-point source discharge of the combined storm water runoff and leachate to the surface waters of the Commonwealth exists.
31. This general permit does not authorize and shall not be construed as an approval to discharge any industrial wastes, wastewater, leachate or runoff from areas where solid waste management activities are conducted to the waters of the Commonwealth.
32. The transportation of crushed concrete and asphalt, finished mulch and compost materials shall be in a manner which does not create a nuisance or be harmful to the public health, safety or the environment and shall comply with the requirements of Title 25 Pa Code, Chapter 285 (relating to Storage, Collection and Transportation of Municipal Waste).
33. The storage of wood waste, leaf and yard waste, finished mulch and finished compost, crushed concrete and asphalt material shall be in a manner which prevents harborage or breeding of vectors (including mosquitoes) or creation of odor, dust, litter, noise and other nuisances which may be harmful to the public health, safety, welfare, and the environment. Storage shall be in a manner that prevents dispersal of wood waste, leaf and yard waste, finished mulch and finished compost, crushed concrete and asphalt material by wind or water erosion or a risk of fire or explosion and shall comply with the requirements of Title 25 Pa Code, Chapter 285 (relating to Storage, Collection and Transportation of Municipal Waste).
34. The permittee shall maintain a bond in an amount and with sufficient guarantees as provided by 25 Pa. Code, Chapter 271, Subchapter D (relating to Financial Assurances Requirements).
35. The bond filed with the Department under Condition 34 shall continue for the operational life of the facility, until 10 years after final closure of the facility, unless released in whole or in part by the Department, in writing, prior thereto as provided by 25 Pa. Code §271.341 (relating to Release of Bonds).
36. The permittee shall maintain in force and effect a general liability insurance policy, in accordance with 25 Pa. Code, Chapter 271, Subchapter D (relating to Financial Assurances Requirements) to provide continuous coverage during operation of the facility and until the Department issues a final closure certification as provided by 25 Pa. Code §271.342 (relating to Final Closure Certification).

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37. The finished mulch material and finished compost authorized under the terms and conditions of this general permit shall cease to be a waste when the finished mulch material or finished compost:
- a. Is sold, traded, distributed, given away or used for landscaping applications or composting. This provision applies to the finished mulch material or finished compost that is sold, traded, distributed, given away or used for landscaping applications or composting at locations other than the processing facility where the material is produced.
 - b. Does not present a greater harm or threat of harm than the use of products which the finished mulch material or finished compost is replacing;
 - c. Is not abandoned or disposed; and
 - d. Complies with the terms and conditions specified in Appendix A (Use Restrictions) of this general permit.
38. The mulch and compost material shall not be processed as follows:
- a. Within 100 feet or less of a perennial stream.
 - b. Within 33 feet of an intermittent stream.
 - c. Within 300 feet of a water supply source.
 - d. Within 300 feet of an exceptional value wetland.
 - e. Within 100 feet of a wetland other than an exceptional value wetland.
 - f. In a 100-year flood plain or below the 100-year flood plain.
 - g. Within 3.3 feet of a regional groundwater table.
 - h. Within 100 feet of the edge of a sink hole or area drainage into a sinkhole.
 - i. Within 50 feet of a property line.
39. Unless otherwise authorized by the Department in writing, storage of wood waste, leaf and yard waste, partially processed materials, finished mulch and compost, crushed concrete and asphalt materials shall comply with the following:
- a. The wood waste, leaf and yard waste, partially processed or finished mulch and finished compost, crushed concrete and asphalt shall not be accumulated before being beneficially used unless the operator shows that the wood waste, leaf and yard waste, partially processed or finished mulch and finished compost, crushed concrete and asphalt materials have the potential to be beneficially used

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and has a feasible means of being beneficially used.

- b. Crushed concrete and asphalt materials shall not be stored for more than two (2) consecutive construction seasons (commencing on April 1), and at any one time the maximum amount stored may not exceed the total amount of materials as described in the approved application.
- c. During the calendar year (commencing on January 1), wood waste, leaf and yard waste, partially processed or finished mulch and finished compost shall not be stored for more than one (1) year, and at any one time the maximum amount stored may not exceed the total amount of materials as described in the approved application.
- d. During the calendar year for wood waste and leaf and yard waste materials, or during the biennial construction season for crushed concrete and asphalt materials, the amount of materials that are beneficially used or transferred to a different site for beneficial use, equals at least 75% by weight or volume of the wood waste and leaf and yard waste, or crushed concrete and asphalt materials accumulated at the beginning of the period. In calculating the percentage of turnover, the 75% requirement is to be applied to each waste of the same type (i.e., wood waste, leaf and yard waste, finished mulch, finished compost, crushed concrete, asphalt, etc.) that is beneficially used in the same way (that is, from which the same material is recovered or that is used in the same way).

D. Record Keeping

1. The permittee shall maintain records of rejected, unacceptable and unauthorized wastes that are disposed by the permittee. The records shall include the name and address of the disposal location, date of disposal, volume or weight of the waste that is disposed.
2. The permittee shall maintain records of volume or weight of the crushed concrete and asphalt, finished mulch and compost materials that are generated.
3. The permittee shall maintain records of volume or weight and location of the crushed concrete and asphalt, finished mulch and compost materials that are stored.
4. The permittee shall maintain records of chemical analyses for the finished mulch and compost material as required in Conditions 2 and 3 of this general permit.
5. The records required in this Condition shall be retained by the permittee for a minimum of 5 years and made available to the Department upon request

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E. Reporting Requirements:

1. The permittee shall immediately notify the Department, in writing, of any changes in: the name, address, owners, operators and/or responsible officials of the company; changes in facility location; changes in land ownership or the right to operate on the land occupied; the physical or chemical characteristics of the finished mulch or finished compost material; the manufacturing process which generates the crushed concrete and asphalt, the process which produces the mulch material or compost; the change in status of bonding and insurance of the facility; and the change in status of any permit issued by the Department or any state authority or federal government under the environmental protection acts.
2. Persons operating under the provisions of this general permit shall submit, within 30 days after the anniversary date of this permit, to the appropriate Department Regional Office, an annual report which contains the information outlined in Conditions 7, 9, 12, 13, 27, Section D. (Recording Keeping) and summarizes the following information:
 - a. Name and address of each generator of the wood waste.
 - b. Weight or volume of the wood waste and leaf and yard waste used in the production of mulch and compost material.
 - c. Weight or volume of the crushed concrete and asphalt used in the production of construction material.
 - d. Weight or volume of the crushed concrete and asphalt, finished mulch material and finished compost produced, stored, sold, traded or given away during the last 12 months ending on the anniversary date of the permit.
 - e. Laboratory reports for the "total" and "leaching" analyses for the finished mulch material for all parameters listed in Table 1 of Condition 2 of this general permit. The analysis data submitted in compliance with this requirement must be from samples of the finished mulch material collected within the past 12 month.
 - f. Laboratory reports of the chemical analyses for the finished compost material for all parameters listed in Table 2 of Condition 3 of this general permit. The analysis data submitted in compliance with this requirement must be from samples of the finished compost material collected within the past 12 months.

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

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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 27M (Acceptance of General Permit Conditions), (v) bonding worksheets and (vi) a Renewal Permit 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
USE RESTRICTIONS
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The following "Use Restrictions" apply to the beneficial use of: (1) finished mulch, finished compost, as a landscaping material and/or (2) crushed concrete, asphalt as a roadway construction material. Persons or municipalities receiving, storing and/or using the finished mulch, finished compost, crushed concrete and crushed asphalt for beneficial use purposes must comply with the following requirements:

USE RESTRICTIONS:

- A1. The finished mulch, finished compost, crushed concrete and asphalt materials shall not be placed in direct contact with surface water or ground water.
- A2. The finished mulch, finished compost, crushed concrete and asphalt materials or construction material manufactured using crushed concrete and asphalt materials as a component or ingredient shall not be used as a valley fill material, to fill open pits from coal or non-coal mining or other fills, or to level an area or bring an area to grade.
- A3. Hazardous waste, municipal waste, municipal special handling waste, and other residual waste may not be mixed, stored and/or beneficially used with the finished mulch, finished compost, crushed concrete and asphalt materials.
- A4. The finished mulch, finished compost, crushed concrete and asphalt material shall be stored in a manner that prevents harborage or breeding of vectors or creation of odor, dust, litter, noise and other nuisances which may be harmful to the public health, safety, welfare, and the environment. Storage shall be in a manner that prevents dispersal of waste, mulch and compost material by wind or water erosion or a risk of fire or explosion.
- A5. Runoff from the finished mulch, finished compost, crushed concrete and asphalt 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.

**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

- II. Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, Wyoming.

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

- V. Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland.

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