

November 5, 2024

Re: Muskingum County, Falls Township

Application No. OMP00038*BM

Land Application Management Plan Permit for **Polk Scrap Iron & Metal** for the purpose of dust suppression within the Polk Scrap Iron & Metal Facility.

Plans Received October 29, 2024

From Polk Scrap Iron & Metal

Action Date: November 5, 2024

Effective Date: December 1, 2024

Expiration Date: November 30, 2029

I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

By:  Date: 11/05/2024

Polk Scrap Iron & Metal

Attn: Fred Polk, Owner

1900 West Main Street

Zanesville, OH 43701

Ladies and Gentlemen:

The Ohio Environmental Protection Agency has reviewed the land application management plan submitted pursuant to Ohio Revised Code Section 6111.44 and rule 3745-42-13 of the Ohio Administrative Code. The plan is approved subject to the condition of compliance with all applicable laws, rules, regulations and all the conditions below and in Part I and/or Part II of this permit.

The entity shall perform the proposed land application in strict accordance with the conditions in this permit and with the method of operation outlined in the land application management plan submitted to the Ohio Environmental Protection Agency. Approval of the land application management plan does not constitute assurance that the proposed operation will be in compliance with all Ohio laws and regulations.

This permit is not an authorization for a discharging land application system. Pursuant to rule 3745-42-13 of the Ohio Administrative Code and rule 3745-42-02 of the Ohio Administrative Code, a discharging land application system requires a permit to discharge (NPDES permit) and a permit to install, in accordance with Chapter 6111 of the Ohio Revised Code. The applicant shall apply for an NPDES permit 180 days prior to operating a discharging land application system and a permit to install prior to installing the land application system.

Any unauthorized discharges to waters of the state must be reported to Ohio EPA (toll free) by calling 1-800-282-9378 within 2 hours of discovery. The director shall be notified in writing within seven days of any person discovering noncompliance with a land application management plan or an NPDES permit.

The applicant is required to submit a revised land application management plan application, if the Director of the Ohio EPA deems it necessary.

The Director may add, delete, or change any conditions to a land application management plan permit to protect human health or the environment.

Any expansion of the operation or modification of the treatment works or the expansion or modification of any land application area must be approved by the Ohio EPA.

The Director of the Ohio Environmental Protection Agency, or his authorized representative(s), may enter upon the premises of the land application system during its construction or its operation at any reasonable time for the purpose of making inspections, conducting tests, examining records, or reports pertaining to the installation, modification, or operation of the land application system.

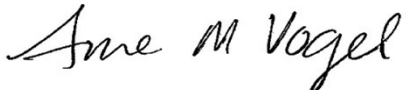
Issuance of this permit does not relieve you of the duty of complying with all applicable federal, state, and local laws, ordinances, and regulations.

This permit shall expire at midnight on the expiration date shown above. In order to receive authorization to continue to land apply beyond the date of expiration, you shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Robert Sprague", which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

Sincerely,



Anne M. Vogel
Director

cc: Ohio EPA Southeast District Office
Zanesville-Muskingum County Health Department
Permit Compliance Section, DSW-CO

PART II, SPECIAL CONDITIONS

A. Polk Scrap Iron & Metal shall be responsible for all land application activities related to the land application of the storm water from storm water collection pond A for the purpose of dust suppression on roadways associated with the facility. The proposed land application activity shall be performed in strict accordance with the plans and application approved by the director of the Ohio Environmental Protection Agency. There shall be no deviation from these plans without prior, expressed, written approval from the agency. Any deviations from these plans or the conditions below may lead to such sanctions and penalties as provided under Ohio law.

B. Records shall be kept in accordance with the approved land application management plan and maintained onsite for a minimum of five years.

C. The storm water shall be stored, transported, treated, and disposed in a manner that will comply with all applicable local, state, and federal regulations.

D. Land application of the storm water shall only occur at times identified in the approved land application management plan.

E. Storm water shall be land applied so as to minimize the potential for creating aerosols, mist, and runoff from application areas.

F. The Ohio EPA shall be notified at least six months prior to the expiration date of any land application contract. Notification shall be sent to the Division of Surface Water, in the appropriate Ohio EPA district office.



State of Ohio Environmental Protection Agency
Division of Surface Water
Division of Environmental & Financial Assistance

Supplement to Form A – C1

Plan Approval - Management Plan For Sludge or Industrial Byproducts other than Treated Sewage

Note: This form, with the attachments indicated, is intended to serve as the main substance of the management plan. If you prefer to submit a separate and complete document to serve as your management plan, then to respond to a question where a description or calculation is requested (such as Items C.1 through C.4), simply enter the page numbers of the submitted plan where the information requested can be found. Please respond on this form when just a check mark or brief statement is requested.

FOR AGENCY USE ONLY	
Application Number:	Date Received: / /

Applicant:	Polk Scrap Iron & Metal
Facility Owner:	Fred Polk
Application/Plans Prepared by:	Wisecarver Environmental Inc.
Project Name:	Land Application Management Plan

A. Background Information

- a. Briefly describe type and source of material to be land applied: Stormwater runoff from stormwater collection pond A.
- b. Briefly describe proposed uses of materials (agronomic uses, soil blends, structural fill, etc.): Dust Control
- c. Existing Plan Approval number: NPDES OHOIN00241*DD ☐ N/A

B. Generating Facility

☒ N/A

- a. Amount of sludge/byproduct generated _____ dry tons/year
- b. Amount proposed for beneficial use _____ dry tons/year
- c. Disposal method for amount not used _____
- d. Storage capacity at facility: _____ days

C. Land Application (If N/A, Skip to D)

☒ N/A

- a. Use category of land application area (check all that apply): ☐ Unrestricted Access site ☐ Restricted Access site
- b. Quantity of material to be land applied: _____
Inches/acre/year (annual average-liquid) _____ Dry tons/acre/year (annual average-sludge)
- c. Does the land application area have subsurface drains/tiles located less than 24 inches below natural grade?
☐ Yes ☐ No ☐ Unknown at this time
- d. Amount of land area available for land application if known (do not include buffer zones in the figure) _____ acres
- e. Maximum slope of land to be used for land application = _____ %
- f. Type(s) of crops or vegetation to be grown on land application area:

C.1 Describe the method or methods used for the storage and land application of sludge/other byproducts (including detailed information about the distribution system):

Stormwater pumped from stormwater pond A by a gas powered centrifugal pump to a Catapiller 613 Water Wagon. Water Wagon has a gas powered pump / spay cannon capable of reaching the entire site.

C.2 State what the maximum land application rate(s) are proposed to be and the total acres required and available for land application. Attach calculations and references showing how the application rates and acreage needs were determined.

As needed per rain events. Pond A and B are existing. Pond A has never overflowed into pond B. Past flow have been 0-120 K gallons per month

C.3 Describe the monitoring of the material to be land applied and the soils in the land application area(s), including frequency, methods and parameters that will be measured in each:

Annual sampling of storwater sprayed as per the existing NPDES permit. Tested parameters include low level mercury, COD, cadmium, copper, lead, nickel, and zinc.

C.4 Describe the appropriate weather conditions required for the land application of sludge/other byproducts and how they will be determined and documented:

Storm water has not been sprayed from pond A during rain events or below temperatures below 20 deg. F.

C.5 Check which land application activities listed below are proposed. If yes, please explain how runoff, ponding or discharges to waters of the state will be prevented (attach separate pages as needed).

Do you propose to land apply during precipitation events? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to spray irrigate when instantaneous wind speeds exceed 20 miles per hour? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to land apply within 10-year floodplain? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to land apply in wetlands? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to land apply where the land application contract is expired or void? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to land apply when the ground is saturated at or near the surface? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you propose to land apply where there is at less than 12 inches between final grade and bedrock, sand or gravel lenses, compacted glacial till, and/or normal ground water elevation? If yes , please explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

C.6 List setback distances that will be observed for all of the following:

Ditches/Streams/Waterways:	200	feet	Private Water Supply Well:	200	feet
Residences/Business:	300	feet	Public Water Supply Well:	200	feet
Sinkholes:	200	feet	Public Surface Drinking Water Intake:	200	feet
Pond or Lake:	200	feet	Other:		feet

Attach additional pages if different setbacks are proposed for different methods of application (e.g. greater setbacks should be observed for surface application than injection).

C.7 Land application on frozen/snow-covered ground is not recommended. If land application on frozen/snow-covered ground is proposed, please indicate which of the following practices will be used to minimize pollutant discharges or nuisances:

- ☒ Application rate is limited to 10 wet tons/acre for solid materials (50% moisture or more) and 5 wet tons/acre for material less than 50% moisture. For liquids the application rate is limited to 5,000 gallons/acre.
- ☒ Applications will be made on land with at least 90% surface residue cover.
- ☒ Material shall not be land applied on more than 20 contiguous acres, separated by breaks of at least 200 feet.
- ☒ Application setbacks shall be increased to at least 200 feet from all grassed waterways, drainage ditches, streams, surface inlets, and water bodies.
- ☒ The rate of application will not exceed: _____ lbs Nitrogen/acre or _____ lbs Phosphorus/acre
- ☒ Application will not take place on slopes greater than 6% unless material is applied in alternating strips less than 200' wide generally on the contour, or in the case of contour strips, on alternating strips.

If any of these practices are not proposed to be followed, please attach a description of how pollutant discharges will be minimized during application on frozen/snow covered ground.

C.8 Describe or list any other practices that will be used to minimize pollutant discharges or nuisances:

N/A

C.9 Land Application Records

How will land application information be recorded? : Gallons per month is reported monthly on the EDMR system.

- ☐ Ohio EPA's Land Application Record Form ☐ Our Own Land Application Record Form (attached)

Where will the records be kept? : Onsite

C.10 Application Site Map (If known)

a. A map locating each land application site shall be attached. Each site shall be labeled "Restricted access site" or "Unrestricted access site". The map(s) should show the following items and are considered part of this plan:

- ☒ All present and known proposed occupied buildings within 300 feet of the land application area.
- ☒ All present and known proposed non occupied buildings within 300 feet of the land application area.
- ☒ All present and known proposed public and private water supply wells within 1,000 feet of the land application area.
- ☒ All sinkholes and waters of the state (including ditches, grass waterways, streams and rivers) within 200 feet of the land application area.
- ☒ All public surface drinking water supply intakes within 1500' of the land application area.
- ☒ All present and known proposed developments and public access areas within 300 feet of the land application area.

b. If the land application site(s) are not known, will site maps be submitted before land application starts? ☐ Yes ☒ No

D. Other Beneficial Uses

1. Is this material one of the following:
- ☐ Spent Foundry Sand
 - ☐ Bottom Ash From Coal Combustion
 - ☐ Fly Ash
 - ☐ Steel Slag
 - ☐ Sludge
 - ☒ Other:

2. If the material is "Other", have you contacted Ohio EPA to discuss the applicable regulations? ☒ Yes ☐ No

3. Is a comprehensive management plan attached for uses other than land application? ☐ Yes ☒ No

E. Miscellaneous Information:

The following items shall be included with this land application management plan:

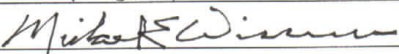
- ☐ Two copies of the Permit-to-Install/Plan Approval Application Form A or the NPDES Permit Application.
- ☐ If applicable, two copies of the site and soil evaluation(s) (For renewal applications, this is only needed if additional or different areas)
- ☐ One copy of the sampling results for the material to be beneficially used (the most recent, but no older than one year).
- ☐ Four copies of this management plan and any attachments or ☐ Four copies of a separate/complete management plan.
- ☐ Fee check payable to "Treasurer, State of Ohio."

The following additional information is included with this form:

F. The foregoing data is a true statement of facts pertaining to this proposed management plan.

Printed (Person Preparing Plan): Michael E Wisecarver

Title: Consultant

Signed: 

Date: 10/18/2024