December 23, 2021

Re: Muskingum County, Harrison Township
Application No. 0MP00027*BM
Land Application Management Plan Permit for "Rockies Express Pipeline, Chandlersville Compressor Station"
Industrial Waste (Water from condensation on outside of facility piping, inside station)
Management Plan and Renewal Application received: September 8, 2021
Prepared by Lindsey Boudreau for Owner/Applicant Rockies Express Pipeline

Issue Date: December 23, 2021
Effective Date: February 1, 2022
Expiration Date: January 31, 2027

Rockies Express Pipeline LLC
Attn: Lindsey Boudreau
370 Van Gordon Street
Lakewood, Colorado 80228

Ladies and Gentlemen:

The Ohio Environmental Protection Agency has reviewed the Land Application Management Plan (LAMP Form A-C(1) submitted Pursuant to Ohio Revised Code Section 6111.45. The plan is approved subject to the condition of compliance with all applicable laws, rules, regulations and all of the conditions below and in Part I and/or Part II of this permit.

The entity shall perform the proposed land application of wastewater in strict accordance with the conditions in this permit and with the method of operation outlined in the LAMP submitted to the Ohio Environmental Protection Agency at the following location:

Chandlersville Compressor Station
1420 Irish Ridge Rd
Philo, Ohio

Approval of the LAMP does not constitute assurance that the proposed operation will be in compliance with all Ohio laws and regulations.

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 the land application management plan.

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

The director may add, delete, or change any conditions of the LAMP permit to protect human health or the environment.
Any additional land application sites must be authorized by the Ohio EPA.

The director of the Ohio Environmental Protection Agency, or his authorized representative(s), may enter upon the premises of the applicant or any site where the industrial waste is land applied at any reasonable time for the purpose of making inspections, conducting tests, examining records, or reports pertaining to the management of applicant's industrial waste.

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

This LAMP 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 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 Josh Mandel", 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
77 South High Street, 17th Floor
Columbus, Ohio 43215

Sincerely,

Laurie A. Stevenson
Director

cc: Southeast District Office

Attachment: Approved Land Application Management Plan (form A-C1)
Part II, OTHER REQUIREMENTS

A. The permittee is only authorized to land apply the following waste materials as described in the permit to install application and Form A-C1:

a. Water from condensation of moisture in ambient intake air (hereafter referred to as wastewater) used by the combustion engines that is compressed and then cooled. It includes no other condensate, e.g. water condensate from natural gas or from combustion gases.
b. any other waste material authorized in writing by Ohio EPA

No septage or sewage sludges or wastewaters from sanitary facilities or any other industrial wastewaters shall be land applied under this management plan.

B. Rockies Express Pipeline shall be responsible for oversight of all land application activities related to the land application of wastewater. The proposed land application activity shall be performed in strict accordance with the land application management plan (LAMP- Form A-C1) approved by the director of the Ohio Environmental Protection Agency. There shall be no deviation from the plan without the prior, express, written approval from the agency. Any deviations from the plans or the conditions below may lead to such sanctions and penalties as provided for under Ohio law.

C. All records of operation required to be kept shall be maintained for a minimum of five (5) years and be available to the Ohio Environmental Protection Agency upon request.

D. Land application of the wastewater shall only occur at times specified in the approved LAMP.

E. The wastewater application rates shall not exceed the Available Water Capacity (AWC) of the soil on a given land application site in accordance with Ohio NRCS Conservation Standard 633-Waste Utilization, Table 1. June 2003.

F. Land application of the wastewater authorized by this permit shall only occur at these specified site(s):

- 6 acre site located at the compressor station, Village of Philo. (Lat: 39deg 50' 28.23", Long: 81deg 56' 22.87"

No land application of wastewater authorized by this permit shall occur at any other site without written authorization from the Southeast District of Ohio EPA, Division of Surface Water.
G. The following records shall be maintained by the permittee for a minimum of five years and be made available to Ohio EPA upon request:

1. The name, address, and telephone number of all persons who receive the wastewater not disposed by land application;
2. Records of the volumes of wastewater that was stored and land applied on the land application site;
3. Records of the visual observation of the wastewater for oil sheen and odor.
4. Any other records required by the approved LAMP (Form A-C1).

The report shall be kept on site and be available for review by the Ohio EPA.

H. All application of wastewater shall be timed to avoid periods of excessive precipitation. Application to frozen or snow-covered ground is prohibited, unless prior written authorization is obtained from Ohio EPA. Application to frozen or snow-covered ground shall only be authorized under emergency conditions and for a limited time and area. All reasonable efforts must be made to avoid the need for land application on frozen/snow-covered ground.

I. The permittee shall record weather conditions during land application events. Precipitation forecasts shall be printed and maintained at the facility with the other land application records. All records shall be made available to Ohio EPA upon request.

J. A minimum setback of thirty-five feet with vegetative cover, or one hundred feet without vegetative cover, from surface waters of the state shall be maintained for land application of the wastewater.

K. The following isolation distances shall be maintained for the land application of the wastewater:

1. Three hundred feet from a private potable water source not owned by the person performing the land application;
2. Fifty feet from a private potable water source owned by the person performing the land application;
3. Three hundred feet from a UIC Class V injection well, sinkhole, occupied building, or karst feature;
4. Fifty feet from property lines;
5. RESERVED
6. One thousand feet from a medical care facility; and
7. Three feet from bedrock.
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: Rockies Express Pipeline
Facility Owner: Rockies Express Pipeline
Application/Plans Prepared by: Lindsey Boudreau
Project Name: Chandersville Condensation Collection System

A. Background Information
a. Briefly describe type and source of material to be land applied: Water from condensation on outside of facility piping
b. Briefly describe proposed uses of materials (agriconomic uses, soil blends, structural fill, etc.): Irrigation at facility
c. Existing Plan Approval number: 0MP00027AM  
□ 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  
days

d. Storage capacity at facility:  

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:  
0.5 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)  
6 acres
e. Maximum slope of land to be used for land application = 3.3%
f. Type(s) of crops or vegetation to be grown on land application area:  Grass

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):
Accumulated condensed water (from the ambient air) will be collected from the bottom of the air intake systems on the compressor engines. The water will be diverted to new condensed water accumulation tanks, inspected for sheen and odor, and then, in the absence of sheen or odor, discharged to the vegetated ground at the Chandersville Compressor Station via a moveable sprinkler irrigation gun. No discharge will be made to saturated or frozen soil. The discharge will not leave the compressor station property.
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.

Flow is conditional and depends on temperature and humidity - up to 1500 gallons per day in hot/humid weather.

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:

Visual monitoring for the sheen/sludge/odor prior to discharge

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

Discharge will take place on days with no precipitation and ground is not saturated.

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).

<table>
<thead>
<tr>
<th>Activity</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you propose to land apply during precipitation events?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you propose to spray irrigate when instantaneous wind speeds exceed 20 miles per hour?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you propose to land apply within 10-year floodplain?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you propose to land apply in wetlands?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you propose to land apply where the land application contract is expired or void?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you propose to land apply when the ground is saturated at or near the surface?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>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?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>If yes, please explain:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Distance Type</th>
<th>Distance</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ditches/Streams/Waterways:</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Residences/Business:</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Sinkholes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pond or Lake:</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Private Water Supply Well:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Water Supply Well:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Surface Drinking Water Intake:</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

C.9 Land Application Records

How will land application information be recorded? :

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

Where will the records be kept? : On site

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 sinks, basins, and water bodies of the state (including ditches, grass waterways, streams and rivers) within 200 feet of the land application area.
☒ All public surface drinking water supply intake structures within 1,500' 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): Lindsey Boudreaun  Title: Environmental Specialist
Signed: [Signature]  Date: 8/10/21