April 18, 2018

Cathy Davis, Fiscal Officer
Lincoln Township Trustees
3149 County Road 169
Cardington, Ohio 43315

RE: Surface application of Brine – for dust and ice control to Lincoln Township roads, Morrow County, Ohio.

Ms. Davis:

The Division of Oil and Gas Resources Management received a copy of the resolution adopted by the Lincoln Township Trustees approving your plan for the spreading of brine on Lincoln Township roads. The Division has determined that the plan, as approved, complies with the requirements of O.R.C. chapter 1509 and the Division rules. This resolution is effective for one year following the date of its adoption and from month to month thereafter until terminated by a subsequent resolution.

Lincoln Township has an active brine spreading resolution dating 7/16/1985.

Enclosed is Form 15: “Surface Application Annual Report”. Section 1509.226 (F) of the Ohio Revised Code requires that person who have filed plans for brine application file this report annually with the Division of Oil and Gas Resources Management. Please duplicate the form as needed. This report is due on or before April 15.

If you have any questions regarding this matter, please feel free to contact me at (614) 265-6933.

Sincerely,

Kenny Brown
Geologist
Underground Injection Control Section
Division of Oil and Gas Resources Management
2045 Morse Road, Bldg. F-2
Columbus, Ohio 43229-6693

Cc: Morrow County Commissioners
North West Regional Office
File
Spreading Resolutions
Checklist

Resolution submitted by:

County: Morrow
Township: Lincoln
Other (specify): ____________________________

Date passed: 3/6/2018 Date submitted: 4/16/2018
Public hearing held? (circle one) Yes or No Date held: 4/11/2018

Resolution (circle one) **allows**/prohibits spreading.

Minimum statutory requirements met: (circle one) Yes or No
If No, list the requirements not met and date response was sent to applicant: __/__/____

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Special conditions added to the resolution:
spreading approved for Lincoln Township in Morrow County

Transporter: Fishburn Services, INC; UIC # 3

Resolution reviewed by: ____________________________________________________________________________ Date: 4/18/2018
The following action was taken by the Board of Morrow County Commissioners during regular session on April 11, 2018:

IN THE MATTER OF
SALT BRINE HEARING – LINCOLN TOWNSHIP: 18-R-312

WHEREAS, this day, April 11, 2018, a public hearing was held in the office of the Morrow County Board of Commissioners for the purpose of hearing discussion regarding an application to apply salt brine to roads within Lincoln Township:

WHEREAS, the following individuals were present to offer public comment: No one

WHEREAS, the following individuals were present from the applicant to offer comments: No one

THEREFORE, having no comments from the public, Mr. Davis made a motion to approve the application from Lincoln Township, as submitted, and to forward to the Ohio Department of Natural Resources as required.

Mr. Castle duly seconded this motion.

Roll Call Vote: ..Mr. Whiston..., “yea” ..Mr. Davis..., “yea” .., Mr. Castle..., “yea”

BOARD OF MORROW COUNTY COMMISSIONERS

Tom E. Whiston          Burgess W. Castle          Warren E. Davis

MCC/ch

c: Cathy Davis, Fiscal Officer, Lincoln Township
LINCOLN TOWNSHIP TRUSTEES, MORROW COUNTY, OHIO

RESOLUTION 02-2018

A RESOLUTION PERMITTING THE APPLICATION OF BRINE ON TOWNSHIP ROADS
WHICH WILL BECOME EFFECTIVE IMMEDIATELY AFTER PASSAGE

WHEREAS, the Lincoln Township Trustees met in regular session on the 6th day of March 2018.

NOW THEREFORE BE IT RESOLVED, by the Lincoln Township Trustees to approve application of brine on township roads with the following guidelines:

1. Brine shall not be applied:
   a. To a water-saturated surface;
   b. Directly to vegetation near or adjacent to surfaces being treated;
   c. Within twelve feet of structures crossing bodies of water or crossing drainage ditches;
   d. Between sundown and sunrise, except for ice control.
2. The discharge of brine through the spreader bar shall stop when the application stops.
3. The applicator vehicle shall be moving at least five miles per hour at all time while the brine is being applied.
4. The maximum spreader bar nozzle opening shall be three-quarters of an inch in diameter.
5. The maximum uniform application rate of brine shall be three thousand gallons per mile on a twelve-foot-wide road or three gallons per sixty square feet on unpaved lots.
6. The applicator vehicle discharge valve shall be closed between the brine collection point and the specific surfaces that have been approved for brine application.
7. Any valves that provide for tank draining other than through the spreader bar shall be closed during the brine application and transport.
8. The angle of discharge from the applicator vehicle spreader bar shall not be greater than sixty degrees from the perpendicular to the unpaved surface.
9. Only the last twenty-five percent of an applicator vehicle's contents shall be allowed to have a pressure greater than atmospheric pressure; therefore, the first seventy-five percent of the applicator vehicle's contents shall be discharged under atmospheric pressure.
10. Only brine that is produced from a well that is not a horizontal well shall be allowed to be spread on a road. Fluids from the drilling of a well, flowback from the simulation of a well, and other fluids used to treat a well shall not be spread on a road.

Mr. Brown moved and Mr. Brandun seconded to pass this resolution. Roll Call;

/\Ron Brown, Trustee \Yes\
\Robert Brandun, Trustee \Yes\ Absent \Yes
\Terry Pearl, Trustee

Cathy Davis, Fiscal Officer

I, Cathy Davis, Fiscal Officer of Lincoln Township, hereby certify that this is a true and correct copy of Resolution 02-2018 adopted by the Lincoln Township trustees on March 6th, 2018.
WRITTEN PLAN FOR THE SURFACE APPLICATION OF BRINE, FOR PURPOSES OF ICE AND DUST CONTROL UPON TOWNSHIP ROADS.

TO: Morrow County Commissioners
80 North Walnut
Mt. Gilead, Ohio 43338

FROM: Lincoln Township
3149 Co Rd 169
Cardington, OH 43315

1.) The surface application of brine shall be subject to the following standards:

A. "Brine" shall mean all saline geological formation water resulting, obtained, or produced in connection with the exploration, drilling, or production of oil or gas.
B. Surface application of brine is permitted only for the purposes of dust or ice control.
C. Brine shall not be applied:
   1. To a water-saturated surface;
   2. Directly to vegetation near or adjacent to surfaces being treated;
   3. Within twelve feet of structures crossing bodies of water or drainage ditches;
   4. Between sundown and sunrise, except for ice control.

2.) Transporters of brine: Fishburn Services, Inc.
   5012 St. Rt. 229
   P.O. Box 278
   Marengo, Ohio 43334

   Registration Certificate Number: UIC-3

3.) Places to which brine will be applied:

   Various Township roads.

4.) Method, rate, and frequency of application:

   A. The discharge of brine through the spreader bar shall stop when the application stops.
   B. The applicator vehicle shall be moving at least five miles per hour at all times while the brine is being applied.
   C. The maximum spreader bar nozzle opening shall be three-quarters of an inch in diameter.
   D. The maximum uniform application rate of brine shall be three thousand gallons per mile on a twelve foot wide road, or three gallons per sixty square feet on unpaved lots.
E. The applicator vehicle discharge valve shall be closed between the brine collection point and the specific surfaces that have been approved for brine application.

F. Any valves that provide for tank drainage other than through the spreader bar shall be closed during the brine application and transport.

G. The angle of discharge from the applicator vehicle spreader bar shall not be greater than sixty degrees from the perpendicular to the unpaved surface.

H. Only the last twenty-five percent of an applicator vehicle's contents shall be allowed to have a pressure greater than atmospheric pressure; therefore, the first seventy-five percent of the applicator vehicle's contents shall be discharged under atmospheric pressure.

I. Frequency of application: Dependent upon weather conditions, estimated application would be; light to no rainfall surface application once every 10 days, medium rainfall surface application once every two weeks, over-all average application would be twice a month.

Submitted by: Cathy Davis – Fiscal Officer Date: 3/6/18

Resolution 02-2018 attached.