

DEP USE ONLY	
Auth No.	APS No.
Site No.	Facility No.
FIX Client No.	Sub-facility No.

## REQUEST FOR ROAD-SPREADING of BRINE PLAN APPROVAL

Brine will be used for: <input type="checkbox"/> Dust control <input type="checkbox"/> Road stabilization <input type="checkbox"/> Pre-wetting <input type="checkbox"/> Anti-icing <input type="checkbox"/> De-icing				
<b>A. OPERATOR/APPLICANT</b>				
Name			DEP ID (OGO No.)	
Address				
City	State	Zip Code	County	Municipality
Phone No.			Fax No.	
<b>B. OPERATOR/SPREADER</b> <input type="checkbox"/> Same as section A (attach additional sheets as needed)				
Name			DEP ID (OGO No.)	
Address				
City	State	Zip Code	County	Municipality
Phone No.			Fax No.	
<b>C. LOCATION</b>				
County				
Municipality/Property Name				
Municipality/Property Name				
Municipality/Property Name				
Municipality/Property Name				
Municipality/Property Name				

**D. ROAD- SPREADING PLAN**

Check One:

New Road-Spreading Plan

Revised Road-Spreading Plan

Annual Renewal of Plan Submitted  
(year approved) \_\_\_\_\_

**E. REQUIRED ATTACHMENTS**

1. Original signed and dated statement from each person authorizing use of brine on their roads and that they will supervise the frequency of spreading.
2. Two (2) copies of USGS based National Wetlands Inventory (NWI) mapping identifying the following:
  - a. Roads where road-spreading will be conducted
  - b. Any brine storage areas not on a well site
  - c. Bodies of water and watercourses within 150 feet of the roads where road-spreading will be conducted.
3. A chemical analysis of the brine for; Total Dissolved Solids, Chloride, Sodium, Calcium, pH, Iron, Barium, Lead, Sulfate, Oil and Grease, Benzene, Ethylbenzene, Toluene, and Xylene

**F. ADDITIONAL REQUIRED INFORMATION**

1. Name of geological formation(s) from which the brine was produced.
  - a.
  - b.
  - c.
  - d.
  - e.
  - f.
2. Describe how the brine will be applied including the equipment to be used and the method for controlling the rate of application.
3. What is the proposed rate and frequency of application?
4. License plate numbers of spreading vehicles:
  - a.
  - b.
  - c.
  - d.
  - e.
  - f.
  - g.
  - h.
  - i.

**G. SIGNATURE BLOCK**

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Applicants Printed Name

# OIL AND GAS OPERATIONS REQUEST for ROAD-SPREADING of BRINE PLAN APPROVAL

## INSTRUCTIONS

**SECTION A:** Fill in the name, address and telephone of operator/applicant submitting the application. Include DEP ID No., if known.

**SECTION B:** Fill in the name, address and telephone of operator/spreader that will actually spread the brine. (If different from applicant listed in Section A).

**SECTION C:** Identify the county where the spreading will take place. A separate plan should be submitted for each county. Also, name the municipalities where the roads are located. If spreading on private property, also provide the name of the property.

### SECTION D:

**New Applications:** Check for new applications only. All information required in Section E must be attached and all questions in Section F must be answered for new applications to be complete.

**Revised Road-spreading Plans:** Check for submittal of a previously approved plan being submitted due to changes in the planned brine application including additional roads, brine application and dosage method(s), additional license plate numbers of vehicles and/or intended brine use. Any changes to attachments in Section E or other required information in Section F must be included with the revised road-spreading application.

**New Applications:** Check for annual renewal of previously approved plans and include the year the previously approved plan was submitted. If any of the information in Section E or Section F is being revised, check the appropriate box in Section(s) E and/or Section F and provide the required information. Complete Section G.

### SECTION E:

**Number 1:** Attach a statement from municipality or other person authorizing the use of brine on their roads and that they will supervise the frequency of spreading and dosage used. The statement should also identify the term of the authorization.

**Number 2:** Use USGS based National Wetland Inventory (NWI) maps (1:24 000 scale) to accurately locate the brine application starting and stopping points to show how the brine spreading will avoid impacting wetlands, stream crossings or regulated bodies of water. You can obtain NWI maps from either a map supplier or by opening the link <http://www.fws.gov/wetlands/> and following the instructions to identify, mark starting and stopping points (using GPS coordinates is optional) and print maps.

**Number 3:** Attach a chemical analysis of the brine for the listed parameters.

### SECTION F:

**Number 1:** List the name of the geological formation from which the brine was produced.

**Note:** Brine produced from any shale formation is not applicable for road-spreading. Shale formations include but are not limited to Marcellus, Rhinestreet, Burket, Geneseo, Mandata, Utica, Huron, Dunkirk, Pipe Creek, Middlesex, Needmore, Girard, and Cabot Head.

**Number 2:** In conjunction with describing the dosage, equipment and application method used, describe how the appl avoid wetlands, stream crossings or regulated bodies of water as shown on the NWI maps identified in Section E.

**Number 3:** Provide license plate number(s) of truck(s) that will spread the brine.

**SECTION G:** Signature block for operator/applicant listed in Section A.

Note: For additional information, please refer to the PA DEP Road-spreading of Brine Fact Sheet;

<http://files.dep.state.pa.us/AboutDEP/AboutDEPPortalFiles/RemarksAndTestimonies/Road%20Spreading%20Fact%20Sheet.pdf>

Any revisions to the plan must be submitted to and approved by DEP prior to implementation of the revised plan.

*Submit Road spreading plans to the appropriate DEP Oil and Gas District Office:*

Pennsylvania Department of Environmental Protection  
Oil and Gas Management Program  
Northwest District Office  
230 Chestnut Street                      Phone No. 814.332.6860  
Meadville, PA 16335-3481              Fax No. 814.332.6120

Pennsylvania Department of Environmental Protection  
Oil and Gas Management Program  
Southwest District Office  
400 Waterfront Drive                      Phone No. 412.442.4024  
Pittsburgh, PA 15222-4745              Fax No. 412.442.4328

Pennsylvania Department of Environmental Protection  
Oil and Gas Management Program  
Eastern District Office  
208 West Third Street                      Phone No. 570.327.3636  
Williamsport, PA 17701-6448              Fax No. 570.327.3420