

ENVIRONMENTAL ASSESSMENT FORM

Attachment to Drilling Permit Application



Department of Environmental Conservation

WELL NAME AND NUMBER

NAME OF APPLICANT BUSINESS TELEPHONE NUMBER
()

ADDRESS OF APPLICANT

CITY/P.O. STATE ZIP CODE

DESCRIPTION OF PROJECT (Briefly describe type of project or action)

PROJECT SITE IS THE WELL SITE AND SURROUNDING AREA WHICH WILL BE DISTURBED DURING CONSTRUCTION OF SITE, ACCESS ROAD, AND PIT AND ACTIVITIES DURING DRILLING AND COMPLETION AT WELLHEAD.
(PLEASE COMPLETE EACH QUESTION—Indicate N.A., if not applicable)

LAND USE AND PROJECT SITE

1. Project Dimensions. Total Area of Project Site _____ sq. ft.
Approximate square footage for items below:

	During Construction (sq. ft.)	After Construction (sq. ft.)
a. Access Road (length x width) _____	_____	_____
b. Well Site (length x width) _____	_____	_____

2. Characterize Project Site Vegetation and Estimate Percentage of Each Type Before Construction:

_____ % Agricultural (cropland, hayland, pasture, vineyard, etc.)	_____ % Forested	_____ % Wetlands
_____ % Meadow or Brushland (nonagricultural)	_____ % Non-vegetated (rock, soil, fill)	

3. Present Land Use(s) Within ¼ Mile of Project (Check all that apply)

<input type="checkbox"/> Rural	<input type="checkbox"/> Suburban	<input type="checkbox"/> Forest	<input type="checkbox"/> Urban	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Commercial	<input type="checkbox"/> Park/Recreation
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other					

4. How close is the nearest residence, building, or outdoor facility of any type routinely occupied by people at least part of the day? _____ ft.
Describe

ENVIRONMENTAL AND OTHER RESOURCES ON/NEAR PROJECT SITE

5. The presence of certain environmental and other resources on or near the project site may require additional permits, approvals or mitigation measures. For items 5a. through 5l. is any part of the well site or access road located:

a. Over a primary or principal aquifer?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
b. Within 2,640 feet of a public water supply well?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
c. Within 150 feet of a surface municipal water supply?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
d. Within 150 feet of a lake, stream, or other public surface water body?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
e. Within an Agricultural District?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
f. Within a land parcel having a Soil and Water Conservation Plan?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
g. In a 100 year flood plain?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
h. In a regulated wetland or its 100 foot buffer zone?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
i. In a coastal zone management area?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
j. In a Critical Environmental Area?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
k. Does the project site contain any species of animal life that are listed as threatened or endangered?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
If yes, identify the species and source of information _____			
l. Will proposed project significantly impact visual resources of statewide significance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
If yes, identify the visual resource and source of information _____			
m. Is the proposed well location within 500 feet of any unplugged or plugged wells?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not Known
If yes, attach a map showing the well location(s) and a list of the well name(s) and API number(s), if assigned.			

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CULTURAL RESOURCES

6. Are there any known archeological and/or historical resources which will be affected by drilling operations? Yes No Not Known
7. Has the land within the project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)? Yes No Not Known
 If answer to Number 6 or 7 is yes, briefly describe _____

EROSION AND RECLAMATION PLANS

8. Indicate percentage of project site within: 0-10% slope _____ % 10-15% slope _____% greater than 15% slope _____ %
9. Are erosion control measures needed during construction of the access road and well site? Yes No Not Known
 If yes, describe and/or sketch on attached photocopy of plat _____
10. Will the topsoil which is disturbed be stockpiled for reclamation use? Yes No
11. Does the reclamation plan include revegetation? Yes No
 If yes, what plant materials will be used? _____
12. Does the reclamation plan include restoration or installation of surface or subsurface drainage features to prevent erosion or conform to a Soil and Water Conservation Plan? Yes No
 If yes, describe _____

ACCESS ROAD SITING AND CONSTRUCTION

13. Are you going to use existing or common corridors when building the access road? Yes No
 Locate access road on attached photocopy of plat.

DRILLING

14. Anticipated length of drilling operations? _____ days

WASTE STORAGE AND DISPOSAL

15. How will drilling fluids and stimulation fluids:
 a. Be contained? _____
 b. Be disposed of? _____
16. Will production brine be stored on site? Yes No
 If yes:
 How will it be stored? _____
 How will it be disposed of? _____
17. Will the drill cuttings and pit liner be disposed of on site? Yes No
 If yes, expected burial depth? _____ feet

ADDITIONAL PERMITS

18. Are any additional State, Local or Federal permits or approvals required for this project? Yes No
- | | Date Application Submitted | Date Application Received |
|----------------------------------|----------------------------|---------------------------|
| Stream Disturbance Permit (DEC) | _ _ _ | _ _ _ |
| Wetlands Permit (DEC or Local) | _ _ _ | _ _ _ |
| Floodplain Permit (DEC or Local) | _ _ _ | _ _ _ |
| Other _____ | _ _ _ | _ _ _ |
| _____ | _ _ _ | _ _ _ |

Printed or Typed Name and Affiliation of Preparer

Printed or Typed Name of Authorized Representative (See below note)

Signature of Authorized Representative (See below note)

Date

/ /

Note: The Authorized Representative must be listed in Box 7 of the Organizational Report on file with the Division of Mineral Resources

Suggested Sources of Information for Division of Mineral Resources Environmental Assessment Form

[EAF Mapper Application](#): DEC maintains a Geographic Information System (GIS) based mapping application, the EAF Mapper, which provides information about the environmental resources on or near your project site. The EAF Mapper provides much of the information necessary to fill out the Division of Mineral Resources Environmental Assessment Form. Below are some additional sources of information.

	Resource	Information Sources
3.	Land Use	Local Planning Office Town Supervisor's Office Town Clerk's Office
5a.	Primary or Principal Aquifer	Local Unit of Government NYS Department of Health DEC, Division of Water – Regional Office Availability of Water from Aquifers in New York State – United States Geological Survey (USGS) Availability of Water from Unconsolidated Deposits in Upstate New York – USGS
5b.	Public Water Supply	Local Unit of Government NYS Department of Health NYS Atlas of Community Water Systems, NYS Department of Health, 1982 Atlas of Water from Unconsolidated Deposits in Upstate New York – USGS
5c.	Agricultural District Information	Cornell Cooperative Extension DEC, Division of Lands and Forests NYS Department of Agriculture and Markets DEC, Division of Environmental Permits – Regional Office DEC, Division of Mineral Resources – Regional Office
5f.	Soil and Water Conservation Plan	Landowner County Soil and Water Conservation District Office
5g.	100 Year Flood Plain	DEC, Division of Water DEC, Division of Environmental Permits – Regional Office DEC, Division of Mineral Resources – Regional Office
5h.	Wetlands	DEC, Division of Fish and Wildlife – Regional Office DEC, Division of Mineral Resources – Regional Office
5i.	Coastal Zone Management Areas	Local Unit of Government NYS Department of State, Coastal Management Program DEC, Division of Water (maps) DEC, Division of Environmental Permits – Regional Office
5k.	Threatened or Endangered Species	DEC, Natural Heritage Program – Albany DEC, Division of Environmental Permits – Regional Office
5m.	Unplugged or Plugged Wells	DEC InfoLocator DEC, New York State Mines and Wells Mapper DEC, Division of Mineral Resources Searchable Database NYS Open Data Landowner; Walking property to search for unknown well location(s)
6.	Archeological or Historic Resources	NYS Office of Parks, Recreation and Historic Preservation circles and squares map DEC, Division of Environmental Permits – Regional Office
18.	Additional Permits Needed	DEC, Division of Environmental Permits – Regional Office DEC, Division of Mineral Resources – Regional Office NYS Office of Business Permits