



ENVIRONMENTAL ASSESSMENT FORM

Attachment to Drilling Permit Application

WELL NAME AND NUMBER _____

NAME OF APPLICANT _____	BUSINESS TELEPHONE NUMBER () _____
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ADDRESS OF APPLICANT _____

CITY/P.O. _____	STATE _____	ZIP CODE _____
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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 (non agricultural)	_____ % 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 RESOURCES ON/NEAR PROJECT SITE

5. The presence of certain environmental resources on or near the project site may require additional permits, approvals or mitigation measures--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? Yes No Not Known

If yes, identify the visual resource and source of information _____

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**

3. LAND USE

Sources: Local Planning Office
Town Supervisor's Office
Town Clerk's Office

5a. PRIMARY OR PRINCIPAL AQUIFER

Sources: Local unit of government
NYS Department of Health
NYSDEC, Division of Water--Regional Office
Availability of Water from Aquifers in New York State--United States Geological Survey
Availability of Water from Unconsolidated Deposits in Upstate New York--United States Geological Survey

5b. PUBLIC WATER SUPPLY

Sources: Local unit of government
NYS Department of Health
NYS Atlas of Community Water Systems Sources, NYS Department of Health, 1982
Atlas of Eleven Selected Aquifers in New York State, United States Geological Survey, 1982

5c. AGRICULTURAL DISTRICT INFORMATION

Sources: 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

Sources: Landowner
County Soil and Water Conservation District Office

5g. 100 YEAR FLOOD PLAIN

Sources: DEC Division of Water
DEC, Division of Environmental Permits--Regional Office
DEC, Division of Mineral Resources--Regional Office

5h. WETLANDS

Sources: DEC, Division of Fish and Wildlife--Regional Office
DEC, Division of Mineral Resources--Regional Office

5i. COASTAL ZONE MANAGEMENT AREAS

Sources: 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

Sources: DEC, Natural Heritage Program--Albany
DEC, Division of Environmental Permits--Regional Office

6. ARCHEOLOGICAL OR HISTORIC RESOURCES

Sources: NYS Office of Parks, Recreation and Historic Preservation circles and squares map
DEC, Division of Environmental Permits--Regional Office

18. ADDITIONAL PERMITS NEEDED

Sources: DEC, Division of Environmental Permits--Regional Office
DEC, Division of Mineral Resources--Regional Office
NYS Office of Business Permits