



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
Geologic Resources Management Division

Surface Facility Location and Environmental Impact Assessment

By authority of Part 615 of Act 451 PA 1994, as amended. Attach additional pages as necessary.
Falsification of this information may result in fines and/or imprisonment.

Facility Information

Facility/project name: _____ Application date: _____

County: _____ Township: _____

Section: _____ T: _____ R: _____ Quarter(Q): _____ QQ: _____ QQQ: _____

Facility dimensions: _____ feet x _____ feet / 43,560 = _____ acres

Flow line route dimensions: _____ feet x _____ feet / 43,560 = _____ acres

Applicant: _____ Representative name: _____

Wells

List all wells, currently permitted or applied for, planned for this surface facility:

Well name and number	Permit no.	Well name and number	Permit no.

Production Impacts

Topography, drainage, soil type(s), direction and percentage of slopes, land cover, and present use

1. Along the planned access route to surface facility:

2. At surface facility site:

3. Along the flow line routes:

Distance and direction to buildings, public roads, power lines, fresh water wells, and other man-made features within 600' of proposed surface facility:

Distance and direction to surface waters, floodplains, wetlands, natural rivers, critical dune areas, and threatened or endangered species within 1320', and Great Lakes shorelines within 1500', of proposed surface facility:

Distance and directions to Type I and Type IIa public water supply wells within 2000', and Type IIb and Type III public water wells within 800', of proposed surface facility:

Drain tiles exist in the areas of the proposed surface facility or flow lines.
Describe how they will be handled if encountered:

The location of proposed surface facility is in an area zoned residential prior to January 8, 1993.

The surface facility will receive hydrocarbons with a hydrogen sulfide (H₂S) concentration greater than 300 ppm. If so, the distance requirements of R324.1106 and R324.1126 apply. If the facility is associated with production from Class II and Class III/IV H₂S wells and an exception to the 600' setback is sought, please include a completed EQP7241 with this application. If the facility is located in an area zoned residential prior to January 8, 1993, the applicant must provide written verification from the zoning authority that it does not object to the location OR the applicant must petition the Supervisor of Wells for a variance from the requirement pursuant to R324.506(b).

Method of brine disposal:

Dedicated flow line to _____ disposal well, permit number _____

Transported by tanker Other: _____

Method of transporting hydrocarbons past the point of sale:

Oil sold through transmission line

Gas sold through transmission line

Oil transported by tanker for sale

Gas flared on site (production restrictions may apply)

Other: _____

Mitigation of Impacts from Production

Detail measures to be taken to protect environmental and/or land use values. Consider berming, screening, access road location, odor, and noise control.

Additional Permits

Identify additional permits to be sought:

Alternate Locations

Were alternate surface locations considered for this facility?

- No, alternate sites did not seem necessary or more desirable
- Yes, the following locations were considered:

Why were they rejected in favor of the proposed location?

Required Attachments

1. Map - Attach a large-scale map, drawn to scale, which identifies:
 - a. Proposed and existing wells, access roads, flow lines, and surface facilities. Show additional details along work corridors and areas of earth change.
 - b. Buildings, public roads, 'two track' trails, pipelines, power lines, fresh water wells, and other man-made features within 600' of proposed surface facility and flow lines.
 - c. Surface waters, floodplains, wetlands, natural rivers, critical dune areas, and threatened or endangered species within 1320', and Great Lakes shorelines within 1500', of proposed surface facility and flow lines.
 - d. Type I and Type IIa public water supply wells within 2000' of proposed surface facility and flow lines – and – all Type IIb and Type III public water wells within 800' of proposed surface facility and flow lines.
 - e. Areas of rugged topography or high relief with slopes in excess of 10% in areas of earth change.
 - f. Existing and proposed stream crossings.
 - g. Known or suspected locations of drain tiles.
2. Soil Erosion and Sedimentation Plan - Attach a Soil Erosion and Sedimentation Plan (Form EQP7200-18) which addresses each surface facility and flow line route identified in this application. Refer to requirements under Part 91, 1994 PA 451, as amended.
3. Secondary Containment Plans - Attach secondary containment construction plans for surface facility pursuant to R324.1002(2).

Operator Certification

As a representative of the operator, I am authorized to prepare this form and certify that the facts stated herein are true, accurate, and complete to the best of my knowledge.

Signature: _____ Date: _____

EGLE Approval

This surface facility is approved for construction as described.

Facility name: _____ Facility no.: _____

Signature: _____ Date: _____

Instructions

This form is required for approval of the proposed location of a surface facility prior to construction. For surface facilities in conjunction with Antrim Projects, use form EQP7200-21 (Antrim Project Environmental Impact Assessment).

Submit this form and required attachments to the GRMD Area Geologist and appropriate District Office email.

Bay City: EGLE-GRMD-Records-Bay-City@Michigan.gov
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