

**Ground Water Protection Program
Generic Site Review Form**

1. General Information

<i>Applicant Name</i> Meridian Energy Group				<i>County</i> Billings County
<i>Township</i> 139	<i>Range</i> 100	<i>Section</i> 1	<i>Quarter Section</i> SW	<i>Lat/Long (Centroid)</i>
<i>Type of Operation</i> Diesel fuel refinery				
<i>Date Received</i> 9/26/2016		<i>Date of Review</i> 10/6/2016		<i>Reviewed by</i> Derek Kannenberg
<i>Reviewer Telephone</i> 701-328-5296				<i>Reviewer Email</i> dkannenberg@nd.gov

2. Nature of Site

Brief description of activity at site:
The site will receive Bakken Crude Oil to be refined into various fuels.

Does the site meet any of the following criteria (Check All That Apply)

☐ Overlies, or is located within 1 mile of, a defined glacial drift aquifer. *Aquifer Name* _____

☐ Overlies a sensitive ground water area, as defined by the department.

☐ Soils at the production area have sandv loam. loamv sand. sand. or gravel textural classes as defined by NRCS.
Soil series name and texture _____

☐ A water supply well at the site is screened at a depth within 30 feet of the ground surface.

☒ The site is within 1/4, 1/2, or 1 mile of a private, non-community public, or community public water well respectively.

☐ The site is located within, or adjacent to, a delineated wellhead or source water protection area. (See Section 3.)

3. Vital Groundwater Features

List all vital groundwater features. WHPAs, SWAs, domestic/municipal water wells, UIC facilities, etc. Also include distance and direction.

The Meridian refinery is near to a number of domestic and stock well sites. The two closest wells have screened intervals greater than one hundred feet below the ground surface. There are no WHPAs in the area, however, there may be a WHPA established at a later date. The site will eventually be the site of a Class I UIC well.

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4. Ground Water Protection Program Recommendations

Paragraph #5. The site does not overlie any defined surficial aquifers. However, there are a number of domestic/stock wells located in the area. Care should be taken to avoid spills of any materials that may have an adverse effect on groundwater quality. All spills must be immediately reported to this Department and appropriate remedial actions performed.

It should be noted that the site will eventually host a Class I injection well. This well will follow a separate permitting process, and will be subject to department review.

5. Proposed Site Location Map

Please attach a map showing the location of the proposed CAFO site, aquifers, suggested monitoring well locations, WHPAs, SGWAs, and any other relevant features.

6. References

List all references

SWC