

Department of Environmental Quality
Permitting and Compliance Division
Air and Waste Management Bureau
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**ENVIRONMENTAL
QUALITY COUNCIL**

FINAL ENVIRONMENTAL ASSESSMENT

ISSUED TO: XENO, Inc., Battle Creek Compressor Station

PERMIT NUMBER: 3025-00

PRELIMINARY DETERMINATION ON PERMIT ISSUED: 10/28/98

DEPARTMENT DECISION ISSUED: 11/13/98

MONTANA ENVIRONMENTAL POLICY ACT (MEPA) COMPLIANCE: An environmental assessment required by the Montana Environmental Policy Act, was completed for this project as follows:

LEGAL DESCRIPTION OF SITE: The Battle Creek Compressor Station located in SW $\frac{1}{4}$, SE $\frac{1}{4}$, Section 26, Township 36 North, Range 19 East, Blaine County, Montana.

DESCRIPTION OF PROJECT: Issuance of an air quality permit for the operation of a natural gas compressor station known as the Battle Creek Compressor Station.

BENEFITS AND PURPOSE OF PROPOSAL: The Battle Creek compressor station compresses field gas. Prior to entering the transmission system, the gas passes through a glycol dehydrator to remove moisture.

DESCRIPTION AND ANALYSIS OF REASONABLE ALTERNATIVES WHENEVER ALTERNATIVES ARE REASONABLY AVAILABLE AND PRUDENT TO CONSIDER: No reasonable alternatives are available.

A LISTING AND APPROPRIATE EVALUATION OF MITIGATION, STIPULATIONS AND OTHER CONTROLS ENFORCEABLE BY THE AGENCY OR ANOTHER GOVERNMENT AGENCY: A list of enforceable permit conditions are contained in air quality permit 3025-00.

DESCRIPTION AND ANALYSIS OF REGULATORY IMPACTS ON PRIVATE PROPERTY RIGHTS: The department has considered alternatives to the conditions imposed in this permit as part of the permit development. The department has determined that the permit conditions are reasonably necessary to ensure compliance with applicable requirements and to demonstrate compliance with those requirements and do not unduly restrict private property rights.

Potential Impact on Physical Environment

		Significant	Non-Significant	None	Unknown	Comments Attached
1	Terrestrial and Aquatic Life and Habitats		X			Yes
2	Water Quality, Quantity and Distribution		X			Yes
3	Geology and Soil Quality, Stability and Moisture		X			Yes
4	Vegetation Cover, Quantity and Quality		X			Yes
5	Aesthetics		X			Yes
6	Air Quality		X			Yes
7	Unique Endangered, Fragile or Limited Environmental Resource		X			Yes
8	Demands on Environmental Resource of Water, Air and Energy		X			Yes
9	Historical and Archaeological Sites		X			Yes
10	Cumulative and Secondary Impacts		X			Yes

Potential Impact on Human Environment

		Significant	Non-Significant	None	Unknown	Comments Attached
1	Social Structures and Mores		X			Yes
2	Cultural Uniqueness and Diversity		X			Yes
3	Local and State Tax Base and Tax Revenue		X			Yes
4	Agricultural or Industrial Production		X			Yes
5	Human Health		X			Yes
6	Access to and Quality of Recreational and Wilderness Activities		X			Yes
7	Quantity and Distribution of Employment		X			Yes
8	Distribution of Population		X			Yes
9	Demands for Government Services		X			Yes
10	Industrial and Commercial Activity		X			Yes
11	Locally Adopted Environmental Plans and Goals		X			Yes
12	Cumulative and Secondary Impacts		X			Yes

SUMMARY OF COMMENTS ON POTENTIAL IMPACTS: The following comments have been prepared by the Department.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

1. Terrestrial and Aquatic Life and Habitats
2. Water Quality, Quantity and Distribution
3. Geology and Soil Quality, Stability and Moisture
4. Vegetation Cover, Quantity and Quality
5. Aesthetics
7. Unique Endangered, Fragile or Limited Environmental Resources
8. Demands on Environmental Resource of Water, Air and Energy
9. Historical and Archaeological Sites

Although the proposal is to issue a new permit, this facility has existed at this site for many years. The department does not believe that issuance of this permit will cause any significant impacts on the above-mentioned issues.

6. Air Quality
10. Cumulative and Secondary Impacts

The potential emissions from this source are listed below and are cumulative for the site.

PM-10	0.64	Tons/year
NOx	92.20	Tons/year
VOC	15.65	Tons/year
CO	97.28	Tons/year
SOx	0.038	Tons/year

POTENTIAL IMPACT ON HUMAN ENVIRONMENT

1. Social Structures and Mores
2. Cultural Uniqueness and Diversity
3. Local and State Tax Base and Tax Revenue
4. Agricultural or Industrial Production
5. Human Health
6. Access to and Quality of Recreational and Wilderness Activities
7. Quantity and Distribution of Employment
8. Distribution of Population
9. Demands of Government Services
10. Industrial and Commercial Activity
11. Locally Adopted Environmental Plans and Goals
12. Cumulative and Secondary Impacts

Although the proposal is to issue a new permit, this facility has existed at this site for many years. The department does not believe that issuance of this permit will cause any significant impacts on the above-mentioned issues.

RECOMMENDATION: An EIS is not required.

IF AN EIS IS NOT REQUIRED, EXPLAIN WHY THE EA IS AN APPROPRIATE LEVEL OF ANALYSIS:
The propose permit issuance will not have a significant impact on the environment.

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION: None.

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA: Department of Environmental Quality,
Permitting and Compliance Division.

EA PREPARED BY: Lana Hedlund

DATE: 10/21/98