

## Model General Permit (MGP) Qualifying Criteria Document

**Source Description:** High Volume Horizontal Hydraulic Fracturing,  
Oil and Gas Well-Site Production

**MGP Number:** GP 12.1

A summary of the potential emissions expected from this source is as follows:

| Equipment size | Model General Permit No. | Restricted Potential to Emit Summary (TPY) |                 |                 |      |       |
|----------------|--------------------------|--|-----------------|-----------------|------|-------|
|                |                          | PE   | SO <sub>2</sub> | NO <sub>x</sub> | CO   | VOC   |
| See GP         | GP12.1                   | 20.32                                      | 3.6             | 37.5            | 93.5 | 84.35 |

Answer the following questions by checking the appropriate box.

- Yes No 1. Will the facility emit less than 1 ton per year of any toxic air contaminant listed in OAC rule 3745-114-01(A), not including any emissions that are subject to NESHAP, Subpart HH?
- Yes No 2. Have you determined that the air contaminant sources, for which this general permit is being sought, are **not** a major stationary source or a major modification as defined in OAC rule 3745-31-01<sup>1</sup>? If you are unsure, check with the appropriate Ohio EPA District Office or local air agency. A major source of emissions cannot be included in the General Permit.
- Yes No 3. Will the total emissions of Hazardous Air Pollutant (HAP) from the facility be less than 10 tons per year of any single HAP and less than 25 tons per year combined HAPs?
- Yes No 4. Can the facility meet the allowable emissions limits and the operating, monitoring, recordkeeping, reporting, and compliance testing or compliance demonstration requirements contained in this Model General Permit?
- Yes No 5. Will each of the condensate storage tanks have a capacity of less than 39,894 gallons (950 barrel)?
- Yes No 6. Will the combined capacity of all condensate, natural gas liquid, crude oil, and produced water storage vessels installed be no more than 252,000 gallons (6000 barrels)?
- Yes No 7. Will the summation of the horsepower of the facility's natural

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<sup>1</sup> Normally, this would only occur if the well was co-located with another facility. For instance, if a well was located on the same property as or on property adjacent to a natural gas compressor station, then the emissions from both adjacent facilities may need to be combined for the purposes of new source review applicability.

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gas engines together be less than or equal to 1,800 horsepower?

- Yes No 8. Will any natural gas-fired engine with a horsepower rating of greater than or equal to 250 HP have a stack that is at least 20 feet above ground level?
- Yes No 9. Will any natural gas-fired engine with a horsepower rating of less than 250 HP have a stack that is at least 12 feet above ground level?
- Yes No 10. Will the facility have a minimum fence line<sup>2</sup> of at least 20 feet from the stationary natural gas and stationary diesel engines?
- Yes No 11. Will the summation of the horsepower of the facility's stationary diesel engines together be less than or equal to 250 horsepower?
- Yes No 12. Will the stationary diesel engine(s) be installed with stack(s) of at least 12 feet?
- Yes No 13. Except under emergency conditions (i.e., the gas cannot be managed due to a malfunction or unforeseen conditions), will any combustor/flare control system be operated at a heat input capacity less than or equal to 10 MMBtu/hr?

If the answer to all of the questions is "Yes", then the facility meets the above "Qualifying Criteria".

By signing below, the owner or operator's signature shall constitute personal affirmation that the applicant meets the qualifying criteria contained above, and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements.

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Authorized Signature (for the facility)

Date

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Title

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<sup>2</sup> Note: This does not mean the property line. Instead, it means the fenced in area of the property that is not accessible by the public.