

OIL & GAS REPRESENTATIVE SAMPLE INFORMATION FORM

Please complete this form for each sample used to estimate emissions at the facility and attach to sample lab analysis.

| | | |
|--|----|---|
| Sample Follows Representative Sampling Guidance Document | OR | Requesting a Case-By-Case Determination |
|--|----|---|

| | | | | | |
|--|------------------------------------|----------|--|-----------|---|
| 1 | ACTUAL FACILITY INFORMATION | | | | |
| Company Name | | | | | |
| Facility Name | | | | | |
| Latitude / Longitude (to 5 decimal places) | | Latitude | | Longitude | |
| List All Current Air Quality Permit Numbers At This Facility | | | | | |
| Please select the Facility Type: | | | | | |
| | Well Site | | Natural Gas Compressor Station (Gathering) | | Natural Gas Compressor Station (Transmission) Natural Gas Processing Plant |
| Permit Action | | | | | |
| | Construction* | | Modification* | | Operation |

* - If application is submitted prior to new construction or modification, Box 4 (Facility-Specific Operating Data) and considerations following may be left blank.

| | | | | | |
|--|--|----------|--|-----------|---|
| 2 | REPRESENTATIVE FACILITY INFORMATION | | | | |
| Company Name | | | | | |
| Facility Name | | | | | |
| Latitude / Longitude (to 5 decimal places) | | Latitude | | Longitude | |
| List All Current Air Quality Permit Numbers At This Facility | | | | | |
| Please select the Facility Type: | | | | | |
| | Well Site | | Natural Gas Compressor Station (Gathering) | | Natural Gas Compressor Station (Transmission) Natural Gas Processing Plant |

| | | | | | |
|--|---------------------------|--------------------------|------------------|--------------------------------|----------------------------|
| 3 | SAMPLE INFORMATION | | | | |
| Sample Being Utilized | | Facility-Specific Sample | | Representative Facility Sample | |
| Sample is Used to Estimate Emissions for Which Units | | | | | |
| Sample Date | | Sample Name or Number | | | |
| Sample Point | | Type of Sample | | | |
| Sample Conditions | Pressure (psig) | | Temperature (°F) | | |
| Please Select and Specify the Sampling Method: | | | | | |
| | ASTM | | GPA | | Other Specify Method: |

| | | | | | |
|---|---|------------------------------|---|------------------|---|
| 4 | FACILITY-SPECIFIC OPERATING DATA | | | | |
| Operating Conditions | | Pressure (psig) | | Temperature (°F) | |
| API Gravity of Sales Oil | | Type of Control & Efficiency | | | |
| Mark the Following That Apply (Based on Calculated Emission Estimates): | | | | | |
| | Facility-Wide VOC Emissions > 80 TPY | | Facility-Wide VOC Emissions > 200 TPY | | Tank and Loading VOC emissions > 50% Total VOC Emissions Storage Tanks, w/o control, with VOC Emissions > 4 TPY per Tank |
| Is Facility-Wide Throughput: | | | | | |
| | < 10 bbl/day | | < 1,200 bbl/day and controlled by > 95% | | > 10 bbl/day and uncontrolled > 1,200 bbl/day |

| No. | All Sample Considerations | Yes | No |
|--|---|-----|----|
| 1 | Is sample more than three (3) calendar years old? | | |
| | | | |
| If the above answer is yes, the sample shall be evaluated on a case-by-case basis. | | | |

| No. | Calculated Emission Considerations | Yes | No |
|--|--|-----|----|
| 2a | For true minor and synthetic minor facilities, are VOC emissions more than 80 TPY and then do storage tank and truck loading VOC emissions account for more than 50% of facility-wide VOC emissions? | | |
| 2b | For major facilities, are VOC emissions more than 200 TPY? | | |
| 3 | Are individual storage tank emissions, not controlled by a combustion device, more than 4 TPY VOC? | | |
| 4 | Are facility-wide emissions of a single HAP greater than 8 TPY or are total HAP emissions greater than 20 TPY? (Excluding HAP emissions from engines) | | |
| | | | |
| If any of the above answers are yes, the representative sample shall be evaluated on a case-by-case basis. | | | |

| No. | Throughput Considerations | Yes | No |
|---|---|-----|----|
| 5a | Is facility-wide throughput less than 10 bbl/day? ¹ | | |
| 5b | Is facility-wide throughput less than 1,200 bbl/day and controlled by more than 95% with a VRU and/or combustion device? ² | | |
| | | | |
| If any of the above answers are yes, the representative sample does not have to meet the requirements of age, distance, and operating parameters. | | | |

Only fill out the following tables when using a representative sample and for the facility type being represented.

| No. | Well Site Considerations | Yes | No |
|---|--|-----|----|
| 6a | Is Representative Facility less than 10 miles from the Actual Facility and produced in the same formation? | | |
| 7a | Is the sample point of the Representative Facility within $\pm 20^{\circ}\text{C}$ (36°F) of the Actual Facility? | | |
| 8a | Is the sample point of the Representative Facility within ± 20 psig of the Actual Facility if greater than 30 psig or is the sample pressure greater than half that of the actual facility if the actual facility operates at less than 30 psig. | | |
| 9a | Is the sales oil of the Representative Facility within $\pm 5^{\circ}$ API gravity of the Actual Facility? | | |
| 10a | Was the representative sample taken at or before the last stage of separation of the actual facility, comparatively? | | |
| | | | |
| If any of the above answers are no, the representative sample shall be evaluated on a case-by-case basis. | | | |

¹ – This applies to Well Sites and Natural Gas Compressor Station (Gathering);

² – This applies to Well Sites and Natural Gas Compressor Stations (Gathering and Transmissions).

| No. | Natural Gas Compressor Station (Gathering) Considerations | Yes | No |
|--|--|-----|----|
| 6b | Is Representative Facility less than 10 miles from the Actual Facility? | | |
| 7b | Is the sample point of the Representative Facility within $\pm 20^{\circ}\text{C}$ (36°F) of the Actual Facility? | | |
| 8b | Is the sample point of the Representative Facility within ± 20 psig of the Actual Facility if greater than 30 psig or is the sample pressure greater than half that of the actual facility if the actual facility operates at less than 30 psig. | | |
| 9b | Is the sales oil of the Representative Facility within $\pm 5^{\circ}$ API gravity of the Actual Facility? | | |
| 10b | Was the representative sample taken at or before the last stage of separation of the actual facility, comparatively? | | |
| If any of the above answers are no, the representative sample shall be evaluated on a case-by-case basis. ³ | | | |

| No. | Natural Gas Compressor Station (Transmission) Considerations | Yes | No |
|---|--|-----|----|
| 6c | Is Representative Facility upstream from the Actual Facility and on the same pipeline? | | |
| If the above answer is no, the sample shall be evaluated on a case-by-case basis. | | | |

| No. | Natural Gas Processing Plant Considerations | Yes | No |
|---|---|-----|----|
| 11 | Is the condensate treated in a condensate stabilizer prior to entering storage tanks or are storage tanks controlled by greater than 95% with a VRU and/or combustion device? | | |
| If the above answer is no, the sample shall be evaluated on a case-by-case basis. | | | |

Additional Justification: _____

³ - A representative sample may be use if all the criteria identified above are met except that the representative facility is located at a distance greater than 10 miles from the actual facility, provided a strong written justification is given for the specific instances where no representative facility that meets the above criteria may exist.