

# DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## AIR QUALITY CONTROL MINOR PERMIT

**Permit AQ0942MSS01**

**Preliminary – August 25, 2010**

The Alaska Department of Environmental Conservation (Department), under the authority of AS 46.14 and 18 AAC 50, issues Air Quality Control Minor Permit AQ0942MSS01 to the Permittee listed below.

**Operator and Permittee:** **ConocoPhillips Company**

P.O. Box 66  
Kenai, AK 99611

**Owner:** ConocoPhillips Company

**Stationary Source** Beluga River Unit

**Locations:** BRU Pads 214-26/ENSTAR, 232-4, 211-3/224-34, 214-35/243-34, 212-35/212-35T, 241-34, 224-23/232-26/211-26, 212-24/232-23

**Physical Address:** 40 miles west of Anchorage, Alaska

Seward Meridian, Section 27, Township 13N, Range 10W

**Permit Contact:** Marta Czarnecki, (907) 776-2092,  
Marta.P.Czarnecki@conocophillips.com

**Project:** Wellsite Compression Project

This project is classified under 18 AAC 50.502(c)(3) since the increase in oxides of nitrogen (NO<sub>x</sub>) potential to emit (PTE) exceeds 10 tons per year and the stationary source's NO<sub>x</sub> PTE exceeds the amount specified under 18 AAC 50.502(c)(1). The permit satisfies the obligation of the Permittee to obtain a minor permit under 18 AAC 50.

This permit authorizes the Permittee to operate under the terms and conditions of this permit, and as described in the original permit application and subsequent application supplements listed in Section 10 except as specified in this permit.

The Permittee may operate under the terms and conditions of this minor permit upon issuance.

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John F. Kuterbach  
Manager, Air Permits Program

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## Section 1. Emission Unit Inventory

1. **Emission Units (EU) Authorization.** Emission units listed in Table 1 have specific monitoring, record keeping, or reporting conditions in this permit. Except as noted elsewhere in the permit the information in **Table 1** is for information purposes only. The specific unit descriptions do not restrict the Permittee from replacing an emission unit identified in **Table 1** with one of the same nominal rating and fuel type. The Permittee shall comply with all applicable provisions of AS 46.14 and 18 AAC 50 when installing a replacement emission unit, including any applicable minor or construction permit requirements.

**Table 1: Minor Permit Emission Unit Inventory**

EU	Equipment Description	Location	Fuel Type	Nominal Rating/Output	Installation Date
37	Compressor Engines (All Units)	Various	NG	7,500 hp (cumulative)	Est. 2011
38	Glycol Reboilers (All Units)	Various	NG	1.00 MMBtu/hr (cumulative)	Est. 2011

2. **Aggregate Capacity Limits.** The Permittee shall limit the aggregate capacity of each EU 37 and 38 to the limits listed above in **Table 1**.

- 2.1 Include the following information regarding EU 37 and EU 38 in the operating reports submitted under Condition 21:
  - a. the number of individual units operated as EU 37 and EU 38 during the reporting period;
  - b. the rated capacity of each individual unit;
  - c. the aggregate capacity of all EU 37 and EU 38 units; and
  - d. the location of each unit.

## ***Section 2. Emission Fees***

**3. Assessable Emissions.** The Permittee shall pay to the Department an annual emission fee based on the stationary source's assessable emissions as determined by the Department under 18 AAC 50.410. The assessable emission fee rate is set out in 18 AAC 50.410(b). The Department will assess fees per ton of each air pollutant that the stationary source emits or has the potential to emit in quantities greater than 10 tons per year. The quantity for which fees will be assessed is the lesser of

- 3.1 the stationary source's assessable potential to emit of 424 TPY; or
- 3.2 the stationary source's projected annual rate of emissions that will occur from July 1 to the following June 30, based upon actual annual emissions emitted during the most recent calendar year or another 12-month period approved in writing by the Department, when demonstrated by
  - a. an enforceable test method described in 18 AAC 50.220;
  - b. material balance calculations;
  - c. emission factors from EPA's publication AP-42, Vol. I, adopted by reference in 18 AAC 50.035; or
  - d. other methods and calculations approved by the Department.

**4. Assessable Emission Estimates.** Emission fees will be assessed as follows:

- 4.1 no later than March 31 of each year, the Permittee may submit an estimate of the stationary source's assessable emissions to ADEC, Air Permits Program, ATTN: Assessable Emissions Estimate, 410 Willoughby Ave., Juneau, AK 99801-1795; the submittal must include all of the assumptions and calculations used to estimate the assessable emissions in sufficient detail so the Department can verify the estimates; or
- 4.2 if no estimate is submitted on or before March 31 of each year, emission fees for the next fiscal year will be based on the potential to emit set forth in condition 3.1.

### ***Section 3. State Requirements***

- 5. Industrial Process and Fuel-Burning Equipment Visible Emissions.** The Permittee shall not cause or allow visible emissions, excluding condensed water vapor, emitted from EUs 37 and 38 listed in **Table 1** to reduce visibility through the exhaust effluent by more than 20 percent averaged over any six consecutive minutes.
- 6. Industrial Process and Fuel-Burning Equipment Particulate Matter.** The Permittee shall not cause or allow particulate matter emitted from EUs 37 and 38 listed in **Table 1** to exceed 0.05 grains per cubic foot of exhaust gas corrected to standard conditions and averaged over three hours.
- 7. Sulfur Compound Emissions.** The Permittee shall not cause or allow sulfur compound emissions, expressed as SO<sub>2</sub>, from EUs 37 and 38 to exceed 500 ppm averaged over three hours.

## **Section 4. Federal Requirements**

### **New Source Performance Standards Subpart JJJJ**

- 8. NSPS Subpart JJJJ Requirements.** For all EU 37 engines, the Permittee shall comply with any applicable requirements for stationary spark ignition (SI) internal combustion engine (ICE) whose construction<sup>1</sup> commences after June 12, 2006, where the stationary SI ICE are manufactured
- 8.1 on or after January 1, 2011 for natural-gas fired engines with a maximum engine power greater than or equal to 100 hp and less than 500 hp; or
- 8.2 on or after January 1, 2010, for natural gas-fired engines with a maximum engine power greater than 500 hp.
- 9. NSPS Subpart JJJJ Emissions Standards.** The Permittee shall not allow the emissions from any EU 37 engine in the categories described in Conditions 8, 8.1 and 8.2 to exceed:
- a. 1.0 grams per horsepower-hour (g/hp-hr) or 82 parts per million dry volume (ppmvd) at 15% O<sub>2</sub> for NO<sub>x</sub>;
  - b. 2.0 g/hp-hr or 270 ppmvd at 15% O<sub>2</sub> for CO; and
  - c. 0.7 g/hp-hr or 60 ppmvd at 15% O<sub>2</sub> for VOC.
- 10.** The Permittee shall not include the emissions of formaldehyde when calculating emissions of VOCs.
- [40 C.F.R. 60.4233(e), Table 1, & Table 1 Footnote d, 1/18/08]
- 11.** Operate and maintain each engine under EU 37 such that the emission standards in Condition 9 are met over the lifetime of the engines.
- [40 C.F.R. 60.4234, 1/18/08]
- 12. NSPS Subpart JJJJ Compliance Standards.** The Permittee shall demonstrate compliance with the emissions standards in Condition 9 for each engine under EU 37 by complying with the following:
- 12.1 For a non-certified engine greater than 25 hp and less than or equal to 500 hp
- a. conduct an initial performance test to demonstrate compliance;
  - b. keep a maintenance plan and records of maintenance conducted;
  - c. maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions; and
  - d. if the engine has been rebuilt<sup>2</sup>, conduct subsequent performance tests every 8,760 hours or every 3 years, whichever comes first.

[40 C.F.R. 60.4243(b)(2)(i) & 40 C.F.R. 60.4243(f), 1/18/08]

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<sup>1</sup> For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

<sup>2</sup> As defined in 40 C.F.R. 94.11(a).

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12.2 For a non-certified engine greater than 500 hp

- a. conduct an initial performance test;
- b. conduct subsequent performance tests every 8,760 hours or every 3 years, whichever comes first;
- c. keep a maintenance plan and records of maintenance conducted; and
- d. maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[40 C.F.R. 60.4243(b)(2)(ii), 1/18/08]

12.3 Use air-to-fuel ratio (AFR) controllers with the operation of three-way catalysts/non-selective catalytic reduction.

- a. Maintain and operate the AFR controller in order to ensure proper operation of the engine and control device to minimize emissions as all times.

[40 C.F.R. 60.4243(g), 1/18/08]

**13. NSPS Subpart JJJJ Testing Requirements.** For each performance test required under Condition 12 the Permittee shall do the following:

13.1 Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under the specific conditions specified by Table 2 of Subpart JJJJ.

[40 C.F.R. 60.4244(a), 1/18/08]

- a. Conduct three separate runs as specified in §60.8(f).
- b. Ensure that each performance test complies with the load requirements of Condition 13.1 and lasts at least one hour.

[40 C.F.R. 60.4244(c), 1/18/08]

- c. Do not conduct performance tests during periods of startup, shutdown, or malfunction.

[40 C.F.R. 60.4244(b) & §60.8(c), 1/18/08]

13.2 Determine NO<sub>x</sub>, CO, and VOC in mass per unit output using the equations in Subpart JJJJ.

[40 C.F.R. 60.4244(d) – (g), 1/18/08]

**14. NSPS Subpart JJJJ Notification, Reporting, and Recordkeeping Requirements.** The Permittee shall meet the following notification, reporting, and recordkeeping requirements:

14.1 Keep records of

- a. all notifications submitted to comply with Subpart JJJJ and all documentations supporting any notification;
- b. maintenance conducted on the engine(s); and

- c. documentation that the engine meets emission standards.

[40 C.F.R. 60.4245(a)(1), (2), & (4), 1/18/08]

14.2 For non-certified engine(s) greater than 500 hp, submit to the Department in the first operating report under Condition 21 an initial notification that includes

- a. the name and address of the Permittee;
- b. the address of the affected source;
- c. engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;
- d. emission control equipment; and
- e. fuel used.

[40 C.F.R. 60.4245(c)(1) – (5), 1/18/08]

14.3 Submit to the Department a copy of each performance test as required in Condition 12 within 60 days after completion of the test.

[40 C.F.R. 60.4245(d), 1/18/08]

***Section 5. Provisions for Air Quality Protection***

**15.** To protect the annual average NO<sub>2</sub> ambient air quality standard, the Permittee shall:

15.1 Comply with the NSPS Subpart JJJJ NO<sub>x</sub> emission rate requirements in Condition 9.

**15.2 Stack Configuration.**

- a. For all EU 37 engines, install and maintain each exhaust stack with a release height that equals or exceeds 16 feet above grade.
- b. Provide as-built drawings and photographs of each exhaust EU 37 stack in the first operating report required under Condition 21 that would be due after installation of an EU 37 stack.

## **Section 6. General Recordkeeping Requirements**

- 16. Recordkeeping Requirements.** The Permittee shall keep all records required by this permit for at least five years after the date of collection, including:
- 16.1 copies of all reports and certifications submitted pursuant to this section of the permit; and
  - 16.2 records of all monitoring required by this permit, and information about the monitoring including:
    - a. the date, place, and time of sampling or measurements;
    - b. the date(s) analyses were performed;
    - c. the company or entity that performed the analyses;
    - d. the analytical techniques or methods used;
    - e. the results of such analyses; and,
    - f. the operating conditions as existing at the time of sampling or measurement.
- 17. Certification.** The Permittee shall certify any permit application, report, affirmation, or compliance certification submitted to the Department and required under the permit by including the signature of a responsible official for the permitted stationary source following the statement: *“Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.”* Excess emission reports must be certified either upon submittal or with an operating report required for the same reporting period. All other reports and other documents must be certified upon submittal.
- 17.1 The Department may accept an electronic signature on an electronic application or other electronic record required by the Department if
    - a. a certifying authority registered under AS 09.25.510 verifies that the electronic signature is authentic; and
    - b. the person providing the electronic signature has made an agreement, with the certifying authority described in Condition 17.1a, that the person accepts or agrees to be bound by an electronic record executed or adopted with that signature.
- 18. Information Requests.** The Permittee shall furnish to the Department, within a reasonable time, any information the Department requests in writing to determine whether cause exists to modify, revoke and reissue, or terminate the permit or to determine compliance with the permit. Upon request, the Permittee shall furnish to the Department copies of records required to be kept by the permit. The Department may require the Permittee to furnish copies of those records directly to the federal administrator.

**19. Submittals.** Unless otherwise directed by the Department or this permit, the Permittee shall send an original and one copy of reports, compliance certifications, and other submittals required by this permit to **ADEC, Air Permits Program, 610 University Ave., Fairbanks, AK 99709-3643, ATTN: Compliance Technician.** The Permittee may, upon consultation with the Compliance Technician regarding software compatibility, provide electronic copies of data reports, emission source test reports, or other records under a cover letter certified in accordance with Condition 16.

**20. Excess Emissions and Permit Deviation Reports.**

20.1 The Permittee shall report all emissions or operations that exceed or deviate from the requirements of this permit as follows:

- a. in accordance with 18 AAC 50.240(c), as soon as possible after the event commenced or is discovered, report
  - (i) emissions that present a potential threat to human health or safety; and
  - (ii) excess emissions that the Permittee believes to be unavoidable;
- b. in accordance with 18 AAC 50.235(a), within two working days after the event commenced or was discovered, report an unavoidable emergency, malfunction, or nonroutine repair that causes emissions in excess of a technology based emission standard;
- c. report all other excess emissions and permit deviations
  - (i) within 30 days of the end of the month in which the emissions or deviation occurs or is discovered, except as provided in conditions 20.1c(ii) and 20.1c(iii);
  - (ii) if a continuous or recurring excess emissions is not corrected within 48 hours of discovery, within 72 hours of discovery unless the department provides written permission to report under condition 20.1c(i); and
  - (iii) for failure to monitor, as required in other applicable conditions of this permit.

20.2 When reporting excess emissions or permit deviations, the Permittee must report using either the Department's on-line form, which can be found at <http://www.dec.state.ak.us/air/ap/site.htm> or <https://myalaska.state.ak.us/deca/air/airtoolsweb/>, or if the Permittee prefers, the form contained in Section 11 of this permit. The Permittee must provide all information called for by the form that is used.

20.3 If requested by the department, the Permittee shall provide a more detailed written report as requested to follow up an excess emissions report.

**21. Operating Reports.** During the life of this permit, the Permittee shall submit to the department an original and one copy of an operating report by August 1 for the period January 1 to June 30 of the current year, and by February 1 for the period July 1 to December 31 of the previous year.

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- 21.1 The operating report must include all information required to be in operating reports by other conditions of this permit. The Permittee may, upon consultation with the Compliance Technician regarding software compatibility, provide electronic copies of data reports, emission source test reports, or other records under a cover letter certified in accordance with Departmental submission requirements.
- 21.2 If excess emissions or permit deviations that occurred during the reporting period are not reported under condition 21.1, either
- a. The Permittee shall identify
    - (i) the date of the deviation;
    - (ii) the equipment involved;
    - (iii) the permit condition affected;
    - (iv) a description of the excess emissions or permit deviation; and
    - (v) any corrective action or preventive measures taken and the date of such actions; or
  - b. When excess emissions or permit deviations have already been reported under condition 20 the Permittee may cite the date or dates of those reports.
- 22. Air Pollution Prohibited.** No person may permit any emission which is injurious to human health or welfare, animal or plant life, or property, or which would unreasonably interfere with the enjoyment of life or property.
- 22.1 Monitoring, Recordkeeping, and Reporting for Air Pollution Prohibited
- a. If emissions present a potential threat to human health or safety, the Permittee shall report any such emissions according to Condition 20.
  - b. As soon as practicable after becoming aware of a complaint that is attributable to emissions from the stationary source, the Permittee shall investigate the complaint to identify emissions that the Permittee believes have caused or are causing a violation of Condition 22.
- 22.2 The Permittee shall initiate and complete corrective action necessary to eliminate any violation identified by a complaint or investigation as soon as practicable if
- a. after an investigation because of a complaint or other reason, the Permittee believes that emissions from the stationary source have caused or are causing a violation of Condition 22; or
  - b. the Department notifies the Permittee that it has found a violation of Condition 22.
- 22.3 The Permittee shall keep records of
- a. the date, time, and nature of all emissions complaints received;

- b. the name of the person or persons that complained, if known;
  - c. a summary of any investigation, including reasons the Permittee does or does not believe the emissions have caused a violation of Condition 22; and
  - d. any corrective actions taken or planned for complaints attributable to emissions from the stationary source.
- 22.4 With each stationary source operating report under Condition 21 the Permittee shall include a brief summary report which must include
- a. the number of complaints received;
  - b. the number of times the Permittee or the Department found corrective action necessary;
  - c. the number of times action was taken on a complaint within 24 hours; and
  - d. the status of corrective actions the Permittee or Department found necessary that were not taken within 24 hours.
- 22.5 The Permittee shall notify the Department of a complaint that is attributable to emissions from the stationary source within 24 hours after receiving the complaint, unless the Permittee has initiated corrective action within 24 hours of receiving the complaint.

## ***Section 7. General Conditions***

### **Standard Terms and Conditions**

- 23.** The Permittee must comply with each permit term and condition. Noncompliance with a permit term or condition constitutes a violation of AS 46.14, 18 AAC 50, and, except for those terms or conditions designated in the permit as not federally enforceable, the Clean Air Act, and is grounds for
  - 23.1 an enforcement action; or
  - 23.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280.
- 24.** It is not a defense in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with a permit term or condition.
- 25.** Each permit term and condition is independent of the permit as a whole and remains valid regardless of a challenge to any other part of the permit.
- 26.** The permit may be modified, reopened, revoked and reissued, or terminated for cause. A request by the Permittee for modification, revocation and reissuance, or termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- 27.** The permit does not convey any property rights of any sort, nor any exclusive privilege.

## ***Section 8. Compliance Requirements***

- 28.** Compliance with permit terms and conditions is considered to be compliance with those requirements that are
- 28.1 included and specifically identified in the permit; or
  - 28.2 determined in writing in the permit to be inapplicable.
- 29.** The Permittee must comply with each permit term and condition. Noncompliance with a permit term or condition constitutes a violation of AS 46.14.120(c), 18 AAC 50, and, except for those terms or conditions designated in the permit as not federally enforceable, the Clean Air Act, and is grounds for
- 29.1 an enforcement action;
  - 29.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280; or
  - 29.3 denial of an operating permit renewal application.
- 30.** It is not a defense in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with a permit term or condition.
- 31.** The Permittee shall allow the Department or an inspector authorized by the Department, upon presentation of credentials and at reasonable times with the consent of the owner or operator to
- 31.1 enter upon the premises where a source subject to the permit is located or where records required by the permit are kept;
  - 31.2 have access to and copy any records required by the permit;
  - 31.3 inspect any stationary source, equipment, practices, or operations regulated by or referenced in the permit; and
  - 31.4 sample or monitor substances or parameters to assure compliance with the permit or other applicable requirements.

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## ***Section 9. General Source Test and Monitoring Requirements***

- 20. Requested Source Tests.** In addition to any source testing explicitly required by this permit, the Permittee shall conduct source testing as requested by the department to determine compliance with applicable permit requirements.
- 21. Operating Conditions.** Unless otherwise specified by an applicable requirement or test method, the Permittee shall conduct source testing
- 21.1 at a point or points that characterize the actual discharge into the ambient air; and
  - 21.2 at the maximum rated burning or operating capacity of the emission unit or another rate determined by the Department to characterize the actual discharge into the ambient air.
- 22. Reference Test Methods.** The Permittee shall use the following as reference test methods when conducting source testing for compliance with this permit:
- 22.1 Source testing for compliance with requirements adopted by reference in 18 AAC 50.040(a) must be conducted in accordance with the methods and procedures specified in 40 C.F.R. 60.
  - 22.2 Source testing for compliance with requirements adopted by reference in 18 AAC 50.040(b) must be conducted in accordance with the methods and procedures specified in 40 C.F.R. 61.
  - 22.3 Source testing for compliance with requirements adopted by reference in 18 AAC 50.040(c) must be conducted in accordance with the source test methods and procedures specified in 40 C.F.R. 63.
  - 22.4 Source testing for the reduction in visibility through the exhaust effluent must be conducted in accordance with the procedures set out in Reference Method 9 and may use the form in Section 11 to record data.
  - 22.5 Source testing for emissions of total particulate matter, sulfur compounds, nitrogen compounds, carbon monoxide, lead, volatile organic compounds, fluorides, sulfuric acid mist, municipal waste combustor organics, metals, and acid gases must be conducted in accordance with the methods and procedures specified in 40 C.F.R. 60, Appendix A.
  - 22.6 Source testing for emissions of PM-10 must be conducted in accordance with the procedures specified in 40 C.F.R. 51, Appendix M, Methods 201 or 201A and 202.
  - 22.7 Source testing for emissions of any pollutant may be determined using an alternative method approved by the Department in accordance with 40 C.F.R. 63 Appendix A, Method 301.

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- 23. Excess Air Requirements.** To determine compliance with this permit, standard exhaust gas volumes must include only the volume of gases formed from the theoretical combustion of the fuel, plus the excess air volume normal for the specific emission unit type, corrected to standard conditions (dry gas at 68° F and an absolute pressure of 760 millimeters of mercury).
  - 24. Test Deadline Extension.** The Permittee may request an extension to a source test deadline established by the department. The Permittee may delay a source test beyond the original deadline only if the extension is approved in writing by the department’s appropriate division director or designee.
  - 25. Test Plans.** Except as provided in Condition 28, before conducting any source tests, the Permittee shall submit a plan to the department. The plan must include the methods and procedures to be used for sampling, testing, and quality assurance, and must specify how the emission unit will operate during the test and how the Permittee will document that operation. The Permittee shall submit a complete plan within 60 days after receiving a request under Condition 20 and at least 30 days before the scheduled date of any test unless the department agrees in writing to some other time period. Retesting may be done without resubmitting the plan.
  - 26. Test Notification.** Except as provided in Condition 28, at least 10 days before conducting a source test, the Permittee shall give the department written notice of the date and the time the source test will begin.
  - 27. Test Reports.** Except as provided in Condition 28, within 60 days after completing a source test, the Permittee shall submit two copies of the results in the format set out in the *Source Test Report Outline*, adopted by reference in 18 AAC 50.030. The Permittee shall certify the results in the manner set out in Condition 16. If requested in writing by the department, the Permittee must provide preliminary results in a shorter period of time specified by the department.
  - 28. Test Exemption.** The Permittee is not required to comply with Conditions 25, 26, and 27 (Test Plans, Test Notification and Test Reports) when exhaust is observed for visible emissions using Method 9.

***Section 10. Permit Documentation***

May 11, 2010	Formal letter received from CPC regarding incompleteness
May 6, 2010	Meeting between the Department CPC to discuss incompleteness items
May 5, 2010	Incompleteness letter sent to CPC
March 22, 2010	Permit application received from CPC

**Section 11. Visible Emissions Forms**

**Visible Emissions Field Data Sheet**

Certified Observer: \_\_\_\_\_

Company &  
 Stationary  
 Source: \_\_\_\_\_

Location: \_\_\_\_\_

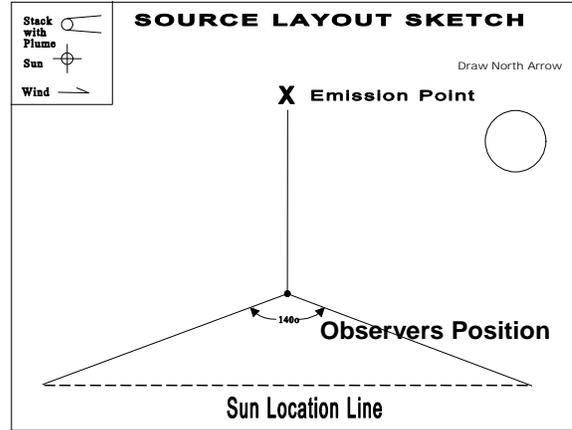
Test No.: \_\_\_\_\_ Date: \_\_\_\_\_

Emission Unit: \_\_\_\_\_

Production Rate/Operating  
 Rate: \_\_\_\_\_

Unit Operating Hours: \_\_\_\_\_

Hrs. of observation: \_\_\_\_\_



Clock Time	Initial				Final
Observer location					
Distance to discharge					
Direction from discharge					
Height of observer point					
Background description					
Weather conditions					
Wind Direction					
Wind speed					
Ambient Temperature					
Relative humidity					
Sky conditions: (clear, overcast, % clouds, etc.)					
Plume description:					
Color					
Distance visible					
Water droplet plume? (Attached or detached?)					
Other information					



**Section 12. ADEC Notification Form<sup>3</sup>**

Stationary Source (Facility) Name \_\_\_\_\_

Air Quality Permit Number \_\_\_\_\_

Company Name \_\_\_\_\_

**When did you discover the Excess Emissions/Permit Deviation?**

Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time: \_\_\_\_\_ : \_\_\_\_\_

**When did the event/deviation occur?**

Begin Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time: \_\_\_\_\_ : \_\_\_\_\_ (please use 24hr clock)

End Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time: \_\_\_\_\_ : \_\_\_\_\_ (please use 24hr clock)

**What was the duration of the event/deviation?:** \_\_\_\_\_ : \_\_\_\_\_ (hrs:min) or \_\_\_\_\_ days  
 (total # of hrs, min, or days, if intermittent then include only the duration of the actual emissions/deviation)

**Reason for Notification:** (please check only 1 box and go to the corresponding section)

- Excess Emissions - Complete Section 1 and Certify.
- Deviation from Permit Condition - Complete Section 2 and Certify
- Deviations from COBC, CO, or Settlement Agreement - Complete Section 2 and Certify

**Section 1. Excess Emissions**

(a) Was the exceedance:

(b) Cause of Event (Check one)  Intermittent  Continuous

- Start Up /Shut Down  Natural Cause (weather/earthquake/flood)
- Control Equipment Failure  Scheduled Maintenance/Equipment Adjustment
- Bad fuel/coal/gas  Upset Condition  Other \_\_\_\_\_

**(c) Description**

**Describe briefly, what happened and the cause. Include the parameters/operating conditions exceeded, limits, monitoring data and exceedance.**

(d) Emissions Units Involved:

Identify the emission unit involved in the event, using the same identification number and name as in the permit. Identify each emission standard potentially exceeded during the event and the exceedance.

Unit ID	Emission Unit Name	Permit Condition Exceeded/Limit/Potential Exceedance

<sup>3</sup> Revised as of August 20, 2008.

(e) Type of Incident (Please Check only one).

- Opacity \_\_\_\_\_ %                       Venting \_\_\_\_\_ (gas/scf)                       Control Equipment Down  
 Fugitive Emissions                       Emission Limit Exceeded                       Other:  
 Marine Vessel Opacity                       Flaring

(f) Unavoidable Emissions:

Do you intend to assert that these excess emissions were unavoidable?     Yes                       No

Do you intend to assert the affirmative defense of 18 AAC 50.235?         Yes                       No

Certify Report (go to end of form)

**Section 2 Permit Deviations**

(a) Permit Deviation Type (check one only box, corresponding with the section in the permit).

- Source Specific  
 Failure to monitor/report  
 General Source Test/Monitoring Requirements  
 Recordkeeping/Reporting/Compliance Certification  
 Standard Conditions Not Included in Permit  
 Generally Applicable Requirements  
 Reporting/Monitoring for Diesel Engines  
 Record Keeping Failure  
 Insignificant Source  
 Facility Wide  
 Other Section \_\_\_\_\_ (title of section and section number of your permit).

(b) Emission Unit Involved.

Identify the emission unit involved in the event, using the same identification number and name as in the permit. List the corresponding permit conditions and the deviation.

(c) Description of Potential Deviation:

Describe briefly what happened and the cause. Include the parameters/operating conditions and the potential deviation.

Unit ID	Emission Unit Name	Permit Condition / Potential Deviation

(d) Corrective Actions:

Describe actions taken to correct the deviation or potential deviation and to prevent future recurrence.

**Certification:**

**Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.**

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_ Phone Number: \_\_\_\_\_

**NOTE:** *This document must be certified in accordance with 18 AAC 50.345(j)*

**To Submit this Report:**

1. Fax to: 907-451-2187;

Or

2. Email to: [DEC.AQ.Airreports@alaska.gov](mailto:DEC.AQ.Airreports@alaska.gov) - *if faxed or emailed, the report must be certified within the Operating Report required for the same reporting period per Condition 21.*

Or

3. Mail to: ADEC  
Air Permits Program  
610 University Avenue  
Fairbanks, AK 99709-3643

Or

4. Phone Notification: 907-451-5173  
*Phone notifications require a written follow-up report.*

Or

5. Submission of information contained in this report can be made electronically at the following website:

<https://myalaska.state.ak.us/deca/air/airtoolsweb/>

*if submitted online, report must be submitted by an authorized E-Signer for the Stationary Source.*