

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AIR QUALITY CONTROL MINOR PERMIT

Permit AQ0353MSS02
Rescinds AQ0353ORL01

Preliminary – January 5, 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 AQ0353MSS02 to the Permittee listed below.

Operator and Permittee: **North Slope Borough Power & Light**
P.O. Box 69
Barrow, AK 99723

Owner: North Slope Borough Power & Light

Stationary Source Kaktovik Power Plant

Location: Latitude: 70°07'41"; Longitude: 143°37'04"

Physical Address: 439 Fourth Street, Kaktovik, AK 99747

Permit Contact: Tom Nicolos, (907) 852-0434

Project: Kaktovik Power Plant Fuel Consumption Limit Revision

This project is classified under 18 AAC 50.508(6) for revising or rescinding the terms and conditions of a Title I permit and under 18 AAC 50.502(c)(3) as a minor permit for air quality protection. 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 11 except as specified in this permit.

The Permittee may operate under this permit upon issuance.

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. 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 ID	Description	Make/Model	Rating/Size	Fuel Type	Install Date
1	Generator	Caterpillar 3512	910 kW 61.9 gal/hr	Diesel	2000
2	Generator	Caterpillar 3512	910 kW 61.9 gal/hr	Diesel	2000
3	Generator	Caterpillar 3508	455 kW 34.1 gal/hr	Diesel	2000
4	Generator	Caterpillar 3508	455 kW 34.1 gal/hr	Diesel	2000

- 2. Maintenance.** The Permittee shall maintain equipment according to manufacturer or operator’s maintenance procedures.

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 131 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 Emission Standards

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 1– 4 listed in Table 1 to reduce visibility through the exhaust effluent by more than 20 percent averaged over any six consecutive minutes.

5.1 For EUs 1 – 4, verify compliance using either Condition 5.1a or 5.1b.

- a. Within 90 days of permit issuance, obtain a certified manufacturer guarantee that each emission unit will comply with the visible emission standard and attach a copy of the guarantee to the next operating report required under Condition 18; or
- b. Conduct a visible emission source test on each unit in accordance with Section 9 within 90 days of permit issuance. Attach a copy of the surveillance records to the next operating report required under condition 18.

6. Industrial Process and Fuel-Burning Equipment Particulate Matter. The Permittee shall not cause or allow particulate matter emitted from EUs 1 – 4 listed in Table 1 to exceed 0.05 grains per cubic foot of exhaust gas corrected to standard conditions and averaged over three hours.

6.1 For EUs 1 – 4, verify compliance using either Condition 6.1a or 6.1b.

- a. Within 90 days of permit issuance, obtain a certified manufacturer guarantee that each emission unit will comply with the particulate matter emission standard and attach a copy of the guarantee to the next operating report required under Condition 18; or
- b. Conduct a particulate matter source test on each unit in accordance with Section 9 within 90 days of permit issuance. Attach a copy of the source test to the next operating report required under condition 18.

7. Sulfur Compound Emissions. The Permittee shall not cause or allow sulfur compound emissions, expressed as SO₂, from EUs 1 – 4 to exceed 500 ppm averaged over three hours.

7.1 The Permittee shall do one of the following for each shipment of fuel:

- a. If the fuel grade requires a sulfur content less than 0.5 percent by weight, keep receipts that specify fuel grade and amount; or
- b. If the fuel grade does not require a sulfur content less than 0.5 percent by weight, keep receipts that specify fuel grade and amount and
 - (i) test the fuel for sulfur content; or
 - (ii) obtain test results showing the sulfur content of the fuel from the supplier or refinery; the test results must include a statement signed by the supplier or refinery of what fuel they represent.

Section 4. Revisions to Previous Permit Actions

- 8. The Permittee shall comply with either Condition 10 or Condition 12.2.
- 9. The Permittee shall notify the Department within 30 days of complying with Condition 12.2.

Limit to Avoid Title V Permitting for Unmodified Stack Heights

- 10. The Permittee shall limit the fuel consumption of Emission Units 1 through 4 per rolling 12-month period to the combined fuel limits listed in Table 2.

Table 2 – Combined Fuel Limits

Emission Units	Combined Fuel Limits (gallons/year)
1 and 2	220,000
3 and 4	110,000

- 10.1 Measure and record the quantity of fuel consumed by each Emission Unit 1, 2, 3, and 4 monthly.
- 10.2 Before the end of each calendar month calculate and record the rolling 12-month total of fuel consumed by
 - a. Emission Units 1 and 2, combined; and
 - b. Emission Units 3 and 4, combined.
- 10.3 Report in the operating report submitted under the applicable operating report issued for the source under Condition 18
 - a. the monthly total of fuel consumed by each Emission Unit 1, 2, 3, and 4; and
 - b. the rolling 12-month total of fuel consumed by
 - (i) Emission Units 1 and 2, combined; and
 - (ii) Emission Units 3 and 4, combined.
- 10.4 Notify the Department under Excess Emissions and Permit Deviations described in Condition 17, should the consecutive 12-month fuel consumption exceed the limits in this condition.

Owner Requested Limit to Avoid Title V Permitting

- 11. The Permittee shall limit the fuel consumption of Emission Units 1 through 4 per rolling 12-month period to the combined fuel limits listed in Table 3.

Table 3 – Combined Fuel Limits

Emission Units	Combined Fuel Limits (gallons/year)
1 and 2	255,000
3 and 4	127,500

- 11.1 Measure and record the quantity of fuel consumed by each Emission Unit 1, 2, 3, and 4 monthly.
- 11.2 Before the end of each calendar month calculate and record the rolling 12-month total of fuel consumed by
 - a. Emission Units 1 and 2, combined; and
 - b. Emission Units 3 and 4, combined.
- 11.3 Report in the operating report submitted under the applicable operating report issued for the source under Condition 18
 - a. the monthly total of fuel consumed by each Emission Unit 1, 2, 3, and 4; and
 - b. the rolling 12-month total of fuel consumed by
 - (i) Emission Units 1 and 2, combined; and
 - (ii) Emission Units 3 and 4, combined.
- 11.4 Notify the Department under Excess Emissions and Permit Deviations described in Condition 17, should the consecutive 12-month fuel consumption exceed the limit in this condition.

Section 5. Provisions to Ambient Air Quality

12. Annual Average NO₂ Ambient Air Quality Protection. The Permittee shall protect the average annual NO₂ ambient air quality standard by:

12.1 Comply with Condition 11.

12.2 Increase the stack heights of Emission Units 1 through 4 to at least 45 feet above ground level.

12.3 The stacks shall be uncapped and oriented vertically.

12.4 Provide as-built drawings and/or photographs of each exhaust stack subject to Condition 12.2 in the first operating report submitted under Condition 18.

Section 6. General Recordkeeping Requirements

13. Recordkeeping Requirements. The Permittee shall keep all records required by this permit for at least five years after the date of collection, including:

- 13.1 copies of all reports and certifications submitted pursuant to this section of the permit; and
- 13.2 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.

14. 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.

- 14.1 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 14.1a, that the person accepts or agrees to be bound by an electronic record executed or adopted with that signature.

15. 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.

16. 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 13.

17. Excess Emissions and Permit Deviation Reports.

17.1 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 17.1c(ii) and 17.1c(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 17.1c(i); and
 - (iii) for failure to monitor, as required in other applicable conditions of this permit.

17.2 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.

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

18. 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.

- 18.1 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.
- 18.2 If excess emissions or permit deviations that occurred during the reporting period are not reported under Condition 18.1, 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 17, the Permittee may cite the date or dates of those reports.

19. 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.

19.1 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 17.
 - 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 19.
- 19.2 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 19; or
 - b. the Department notifies the Permittee that it has found a violation of Condition 19.

- 19.3 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 19; and
 - d. any corrective actions taken or planned for complaints attributable to emissions from the stationary source.
- 19.4 With each stationary source operating report under Condition 18 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.
- 19.5 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

- 20.** 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
 - a. An enforcement action; or
 - b. Permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280.
- 21.** 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.
- 22.** 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.
- 23.** The permit may be modified, reopened, revoked and reissued, or terminated for cause. A request by the Permittee for modification, revocation and re-issuance, or termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- 24.** The permit does not convey any property rights of any sort, nor any exclusive privilege.

Section 8. Compliance Requirements

- 25.** Compliance with permit terms and conditions is considered to be compliance with those requirements that are
- 25.1 included and specifically identified in the permit; or
 - 25.2 determined in writing in the permit to be inapplicable.
- 26.** 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
- 26.1 an enforcement action;
 - 26.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280; or
 - 26.3 denial of an operating permit renewal application.
- 27.** 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.
- 28.** 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
- 28.1 enter upon the premises where a source subject to the permit is located or where records required by the permit are kept;
 - 28.2 have access to and copy any records required by the permit;
 - 28.3 inspect any stationary source, equipment, practices, or operations regulated by or referenced in the permit; and
 - 28.4 sample or monitor substances or parameters to assure compliance with the permit or other applicable requirements.

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.

- 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 13. 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

November 3, 2009	email: Information from Philip Austin (HMH Consulting) regarding increase in stack heights
October 5, 2009	email: Response to incompleteness from Donna Shefcheck (HMH Consulting) with appropriate missing materials
October 2, 2009	Phone conference with Donna Shefcheck (HMH Consulting) regarding history of the application.
October 1, 2009	Application on incorrect forms and found incomplete.
September 11, 2009	NSB's application for Kaktovik Power Plant received.

Section 11. Visible Emissions Forms

Visible Emissions Field Data Sheet

Certified Observer: _____

Company &
 Stationary
 Source: _____

Location: _____

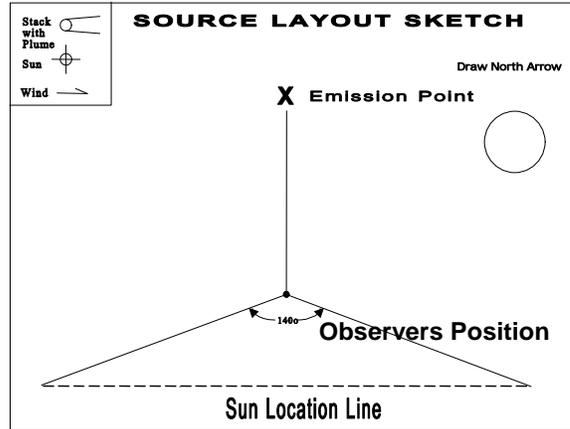
Test No.: _____ Date: _____

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 Form¹

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

¹ 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

Unit ID	Emission Unit Name	Permit Condition / Potential Deviation

the 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 - *if faxed or emailed, the report must be certified within the Operating Report required for the same reporting period per Condition 18.*

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.