

WASHINGTON STATE DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE
15 W YAKIMA, SUITE 200
YAKIMA, WASHINGTON 98902

IN THE MATTER OF THE COMPLIANCE BY)
LAB WASHINGTON LLC'S) AIR OPERATING PERMIT
ASH RECYCLING FACILITY) No. 19AQ-C233
with Section 70.94.161 RCW, Operating Permits for)
Air Contaminant Sources, and the applicable rules and) **DRAFT PERMIT**
regulations of the Department of Ecology)

To: LAB Washington LLC
Ash Recycling Facility
211 N Broadway, Suite 211
Green Bay, WI 54303

Issuance Date: DRAFT
Effective Date: DRAFT
Expiration Date: DRAFT

Responsible Official: Brent Dubois, President and CEO

Source Location: This Permit applies to the Ash Recycling Facility portion of the Roosevelt Regional Landfill, located 500 Roosevelt Grade Road, Roosevelt, WA 99356.

Legal Authority: This AIR OPERATING PERMIT is issued under the authority and provisions of the Federal Clean Air Act, (42 U.S.C. 7401, et seq.), the Washington Clean Air Act, Chapter 70.94 Revised Code of Washington and the Operating Permit Regulation, Chapter 173-401 Washington Administrative Code.

Hereinafter, LAB Washington LLC is called the Permittee. The Permittee and designated representatives are required to comply with the provisions contained within this permit.

Prepared & Reviewed By:

Approved By:

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TABLE OF CONTENTS

LIST OF ABBREVIATIONS..... 3

AIR OPERATING PERMIT CONDITIONS..... 3

1.0 EMISSION UNIT IDENTIFICATION..... 4

2.0 STANDARD CONDITIONS..... 4

2.1 PERMIT SHIELD..... 4

2.2 SEVERABILITY 4

2.3 PROPERTY RIGHTS..... 4

2.4 EMISSIONS TRADING..... 4

2.5 ENFORCEABILITY 5

2.6 GENERAL OBLIGATION 5

2.7 REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT)..... 5

2.8 NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE..... 5

2.9 PERMIT ACTIONS 5

2.10 PERMIT CONTINUATION 5

2.11 PERMIT APPEALS 5

2.12 DUTY TO COMPLY 6

2.13 INSPECTION AND ENTRY 6

2.14 PERMIT FEES..... 7

2.15 DUTY TO PROVIDE INFORMATION..... 7

2.16 EXCESS EMISSIONS DUE TO AN EMERGENCY..... 7

2.17 UNAVOIDABLE EXCESS EMISSIONS..... 8

2.18 RECORD KEEPING 8

2.19 REPORTING 9

2.20 CERTIFICATION 11

2.21 PERMIT RENEWAL AND EXPIRATION 11

2.22 DUTY TO SUPPLEMENT OR CORRECT APPLICATION..... 11

2.23 ADMINISTRATIVE PERMIT AMENDMENTS 11

2.24 REOPENING FOR CAUSE 12

2.25 OFF-PERMIT CHANGES 12

2.26 CHANGES NOT REQUIRING PERMIT REVISIONS 13

2.27 NEW SOURCE REVIEW 13

2.28 REPLACEMENT OR SUBSTANTIAL ALTERATION OF EMISSION CONTROL TECHNOLOGY..... 14

2.29 FEDERAL CHLOROFLUOROCARBONS REQUIREMENTS – TITLE VI OF THE FCAA..... 14

2.30 DEMOLITION AND RENOVATION (ASBESTOS) 14

2.31 NONROAD ENGINES 15

2.32 OPERATIONAL FLEXIBILITY 15

2.33 COMPLIANCE SCHEDULES..... 15

3.0 APPLICABLE REQUIREMENTS 16

3.1 FACILITY WIDE SOURCES 16

3.2 ASH RECYCLING FACILITY 22

LIST OF ABBREVIATIONS

%	percent
ARF	Ash Recycling Facility
CFR	Code of Federal Regulations
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
FCAA	Federal Clean Air Act
GHG	greenhouse gas
gr/dscf	grains per dry standard cubic foot
MVAC	motor vehicle air conditioner
NOC	Notice of Construction
O&M	Operation & maintenance
O ₂	Oxygen
PCHB	Pollution Control Hearings Board
PE	Professional Engineer
PM	Particulate matter
PM ₁₀	Particulate matter with aerodynamic diameter ≤ 10 micrometers
PM _{2.5}	Particulate matter with aerodynamic diameter ≤ 2.5 micrometers
ppm	Parts per million
RACT	Reasonably Available Control Technology
RCW	Revised Code of Washington
RM	Reference Method
S	state-only enforceable
SO ₂	Sulfur dioxide
tpy	tons per year
TRS	total reduced sulfur
TSP	Total suspended particulate
VOC	Volatile organic compound
WAC	Washington Administrative Code

1.0 EMISSION UNIT IDENTIFICATION

The requirements identified in this permit apply to all air emissions from the Ash Recycling Facility located within the Roosevelt Regional Landfill, at 500 Roosevelt Grade Road, Roosevelt, Washington. Specific requirements for the processes of the facility are listed in Section 3 of this permit. The permitted emission processes are listed in the table below.

Source Description (Name, Permit Section)	Emission Points	Control Device	Process Description
Ash Recycling Facility (a.k.a. Process #1, see Table 3.2)	1 impact crusher & initial sorting, 2 feed hoppers, 2 screens, 4 overbelt magnet separators, 3 magnet pulleys, 7 eddy-current separators, 1 sorter, 1 fines crusher, 4 vibration chutes, 1 acceleration belt conveyor, & 25 conveyors.	None	Starts with dumping of ash material onto the stockpile of new and excavated ash and carrying through to the stockpile of post-processed mineral, truck loading of the processed mineral, and truck loading and transport activities associated with the recovered ferrous, nonferrous, and stainless steel materials. * Ash monofill mining, hauling of ash, and (re)placement of ash, are regulated under a separate permit, issued directly to the Roosevelt Regional Landfill.

All information required for submittal throughout this permit, is to be submitted to Ecology, the EPA Administrator, or both as specified by the applicable requirement, at the following addresses:

Air Quality Program
 c/o Air Quality Section Manager
 Department of Ecology
 1250 West Alder Street
 Union Gap, Washington 98903-0009

U.S. EPA Region 10 Administrator
 c/o Part 70 Permit Coordinator
 AWT-150
 1200 Sixth Avenue
 Seattle, Washington 98101

2.0 STANDARD CONDITIONS

2.1 Permit Shield

- 2.1.1 Compliance with the terms and conditions of this permit shall be deemed compliance with those applicable requirements that are specifically included and identified in this permit as of the date of permit issuance.
- 2.1.2 The permit shield shall not apply to any insignificant emissions unit or activity designated under WAC 173-401-530. [WAC 173-401-530(3), 8/16/18 (S)], [WAC 173-401-640(1), 8/16/18 (S)]

2.2 Severability

If any provision of this permit is held to be invalid, all unaffected provisions of the permit shall remain in effect and be enforceable.
 [WAC 173-401-620(2)(h), 8/16/18 (S)], [RCW 70.94.905, 2018 (S)]

2.3 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege.
 [WAC 173-401-620(2)(d), 8/16/18 (S)]

2.4 Emissions Trading

No permit revision shall be required, under any approved economic incentives, marketable permits, emission trading, and other similar programs or processes for changes that are provided for in this permit.

[WAC 173-401-620(2)(g), 8/16/18 (S)]

2.5 Enforceability

All terms and conditions of the permit are enforceable by the EPA and citizens unless specifically designated as state-only enforceable.

[WAC 173-401-625, 8/16/18 (S)]

2.6 General Obligation

Nothing in this permit shall alter or affect the following:

2.6.1 The provisions of Section 303 of the FCAA (emergency orders), including the authority of EPA under that section.

2.6.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance.

2.6.3 The applicable requirements of the acid rain program, consistent with Section 408(a) of the FCAA.

2.6.4 The ability of EPA to obtain information from a source pursuant to Section 114 of the FCAA.

2.6.5 The ability of Ecology to establish or revise requirements for the use of reasonably available control technology (RACT) as provided in Chapter 252, Laws of 1993.

[WAC 173-401-640(4), 8/16/18 (S)]

2.7 Reasonably Available Control Technology (RACT)

Emission standards and other requirements contained in rules or regulatory orders in effect at the time of operating permit issuance or renewal shall be considered RACT for the purpose of permit issuance or renewal. RACT determinations under Section 8, Chapter 252, Laws of 1993 shall be incorporated into an operating permit as provided in WAC 173-401-730.

[WAC 173-401-605(3), 8/16/18 (S)], [RCW 70.94.154, 2018 (S)]

2.8 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

[WAC 173-401-620(2)(b), 8/16/18 (S)]

2.9 Permit Actions

This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and re-issuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

[WAC 173-401-620(2)(c), 8/16/18 (S)]

2.10 Permit Continuation

This permit and all terms and conditions contained therein, including any permit shield provided under WAC 173-401-640, shall not expire until the renewal permit has been issued or denied if a timely and complete application has been submitted. An application shield granted pursuant to WAC 173-401-705(2) shall remain in effect until the renewal permit has been issued or denied if a timely and complete application has been submitted.

[WAC 173-401-620(2)(j), 8/16/18 (S)]

2.11 Permit Appeals

You have a right to appeal this permit to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this permit. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do all of the following within 30 days of the date of receipt of this permit:

- File your appeal and a copy of this permit with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.

- Serve a copy of your appeal and this permit on Ecology in paper form - by mail or in person (see addresses below). E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Address and Location Information:

Street Addresses

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Pollution Control Hearings Board
1111 Israel Rd SW
STE 301
Tumwater, WA 98501

Mailing Addresses

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

[RCW 70.94.221, 2018 (S); WAC 173-401-620(2)(i), 8/16/18 (S)]

This provision for appeal in this section is separate from and additional to any federal rights to petition and review under Section 505(b) of the FCAA.

[WAC 173-401-620(2)(i), 8/16/18 (S)]

2.12 Duty to Comply

- 2.12.1 The permittee must comply with all conditions of this permit.
- 2.12.2 Any permit noncompliance constitutes a violation of Chapter 70.94 RCW and, for federally enforceable provisions, a violation of the FCAA. Such violations are grounds for: enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application.

[WAC 173-401-620(2)(a), 8/16/18 (S)]

2.13 Inspection and Entry

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow Ecology, or an authorized representative to perform the following:

- 2.13.1 Enter upon the permittee's premises where a Chapter 401 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
- 2.13.2 Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- 2.13.3 Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
- 2.13.4 As authorized by WAC 173-400-105 and the FCCA, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.

[WAC 173-401-630(2), 8/16/18 (S); RCW 70.94.200, 2018 (S); NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 5.2]

- 2.13.4.1 Ecology may require the permittee to conduct stack testing and/or ambient air monitoring and report the results to Ecology.

[WAC 173-400-105(2), 11/28/12, 11/26/18 (S) NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 5.8]

- 2.13.4.2 Ecology may conduct or require that a test be conducted using approved methods from 40 CFR Parts 51, 60, 61, and 63 (in effect on July 1, 2012), or Ecology's Source Test Manual – Procedures for Compliance Testing. The permittee shall be required to provide platform and sampling ports. Ecology shall be allowed to obtain a sample from any emissions unit. The permittee shall be given the opportunity to observe the sampling and to obtain a sample at the same time.

[WAC 173-400-105(4), 11/28/12, 11/26/18 (S)]

- 2.13.4.3 Ecology may conduct source tests and require access to records, books, files, and other information specific to the control, recovery, or release of pollutants regulated under 40 CFR Parts 61, 62, 63, and 65, as applicable, in order to determine the status of compliance of sources of these contaminants and to carry out its enforcement responsibilities.

[WAC 173-400-075(2), 11/28/12, 11/26/18 (S) (S)]

- 2.13.5 No person shall obstruct, hamper, or interfere with any such authorized representative while in the process of carrying out his official duties.

[RCW 70.94.200, 2018 (S)]

- 2.13.6 Nothing in this condition shall limit the ability of EPA to inspect or enter the premises of the permittee under Section 114 or other provisions of the FCAA.

[40 CFR §60.8(e), 07/01/15]

2.14 Permit Fees

The permittee shall pay fees as a condition of this permit in accordance with Ecology's fee schedule. Failure to pay fees in a timely fashion shall subject the permittee to civil and criminal penalties as prescribed in Chapter 70.94 RCW. Ecology may revoke this permit if the permit fees are not paid per WAC 173-401-930(3).

[WAC 173-401-620(2)(f), 930(3), 8/16/18 (S)], [RCW 70.94.162(1), 2018 (S)]

2.15 Duty to Provide Information

- 2.15.1 The permittee shall furnish to Ecology, within a reasonable time, any information that Ecology may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

2.15.1.1 Upon request, the permittee shall also furnish to Ecology copies of records required to be kept by this permit.

2.15.1.2 For information claimed to be confidential, the permittee may furnish such records directly to Ecology along with a claim of confidentiality. Ecology shall maintain confidentiality of such information in accordance with RCW 70.94.205.

[WAC 173-401-620(2)(e), 8/16/18 (S)]

- 2.15.2 No person shall render inaccurate any required monitoring device or method.

[WAC 173-400-105(8), 11/28/12, 11/26/18 (S)]

2.16 Excess Emissions Due to an Emergency

The permittee may seek to establish that noncompliance with a technology-based¹ emission limitation under this permit was due to an emergency.² To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:

2.16.1 An emergency occurred and that the permittee can identify the cause(s) of the emergency.

2.16.2 The permitted facility was being properly operated at the time of the emergency.

2.16.3 During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in this permit.

¹ Technology-based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain a health based air quality standard.

² An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of this source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes this source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

- 2.16.4 The permittee submitted notice of the emergency to Ecology within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

[WAC 173-401-645, 8/16/18 (S)]

2.17 Unavoidable Excess Emissions

Excess emissions determined to be unavoidable under the procedures and criteria in WAC 173-400-107 shall be excused and not subject to penalty.

- 2.17.1 The permittee shall have the burden of proving to Ecology that excess emissions were unavoidable. This demonstration shall be a condition to obtaining relief under Conditions 2.17.2, 2.17.3, or 2.17.4.
- 2.17.2 Excess emissions due to startup or shutdown conditions shall be considered unavoidable provided the source reports as required under Condition 2.17.5 and adequately demonstrates that the excess emissions could not have been prevented through careful planning and design, and if a bypass of control equipment occurs, that such bypass is necessary to prevent loss of life, personal injury, or severe property damage.
- 2.17.3 Excess emissions due to scheduled maintenance shall be considered unavoidable if the source reports as required under Condition 2.17.5 and adequately demonstrates that the excess emissions could not have been avoided through reasonable design, better scheduling for maintenance, or through better operation and maintenance practices.
- 2.17.4 Excess emissions due to upsets shall be considered unavoidable provided the source reports as required under Condition 2.17.5 and adequately demonstrates that:
- 2.17.4.1 The event was not caused by poor or inadequate design, operation, maintenance, or any other reasonably preventable condition.
- 2.17.4.2 The event was not of a recurring pattern indicative of inadequate design, operation, or maintenance.
- 2.17.4.3 The operator took immediate and appropriate corrective action in a manner consistent with good air pollution control practice for minimizing emissions during the event, taking into account the total emissions impact of the corrective action, including slowing or shutting down the emission unit as necessary to minimize emissions, when the operator knew or should have known that an emission standard or permit condition was being exceeded.
- 2.17.5 Excess emissions which represent a potential threat to human health or safety or which the owner or operator of the source believes to be unavoidable shall be reported to Ecology as soon as possible. Other excess emissions shall be reported within 30 days after the end of the month during which the event occurred or as part of the routine emission monitoring reports. Upon request by Ecology, the owner or operator of the source shall submit a full written report including the known causes, the corrective actions taken, and the preventive measures to be taken to minimize or eliminate the chance of recurrence.

[WAC 173-400-107, 11/28/12, 11/26/18 (S)]

2.18 Record Keeping

- 2.18.1 The permittee shall keep records of required monitoring information that includes, where applicable, the following:
- 2.18.1.1 The date, place, and time of the sampling or measurements.
- 2.18.1.2 The date(s) analyses were performed.
- 2.18.1.3 The company or entity that performed the analysis.
- 2.18.1.4 The analytical techniques or methods used.
- 2.18.1.5 The results of such analyses.
- 2.18.1.6 The operating conditions as existing at the time of sampling or measurement.

[WAC 173-401-615(2)(a), 8/16/18 (S)]

- 2.18.2 The permittee shall keep records describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

[WAC 173-401-615(2)(b), 8/16/18 (S)]

- 2.18.3 The permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings from continuous monitoring instrumentation, and copies of all reports required by this permit.

[WAC 173-401-615(2)(c), 8/16/18 (S); NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 4.2]

2.19 Reporting

2.19.1 Monthly Deviation Reports

- 2.19.1.1 The permittee shall report deviations from permit conditions, including those attributable to upset conditions as defined in this permit, and include the following information:
- 2.19.1.1.1 The time the deviation occurred.
 - 2.19.1.1.2 The duration of the deviation.
 - 2.19.1.1.3 The magnitude of the deviation in relation to the applicable limit.
 - 2.19.1.1.4 The probable cause of the deviation.
 - 2.19.1.1.5 Any corrective actions or preventive measures taken.
- 2.19.1.2 Such deviations shall be reported “promptly” to Ecology at the address included in this permit.
- 2.19.1.2.1 For deviations which represent a potential threat to human health or safety, “prompt” means as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered.
 - 2.19.1.2.2 For deviations which the source believes to be unavoidable, “prompt” means as soon as possible.
 - 2.19.1.2.3 For deviations which represent a potential threat to human health or safety or which the source believes to be unavoidable, the initial report shall contain all available information regarding the deviation and may be submitted via e-mail or fax to the appropriate Ecology personnel. No later than thirty days after the end of each month, the permittee shall submit a report describing other deviations that were discovered that month or stating that no other deviations were discovered.
- 2.19.1.3 Upon request by Ecology, the permittee shall submit a full written report including further details regarding the known causes, the corrective actions taken, and the preventative measures to be taken to minimize or eliminate the chance of recurrence.
- 2.19.1.4 The source shall maintain a contemporaneous record of all deviations.
- [WAC 173-401-615(3)(b), 8/16/18 (S)], [WAC 173-400-107, 11/28/12, 11/26/18 (S)], [40 CFR §60.49b(h), 7/1/18], [WAC 173-401-630(1), 8/16/18 (S)]

2.19.2 Semi-Annual Monitoring Reports

- 2.19.2.1 The permittee shall submit semi-annual reports which include monitoring, recordkeeping, and/or reporting information that is required to be submitted every six months. Six-month periods shall be twice each calendar year from **January 1st** through **June 30th**, and from **July 1st** through **December 31st**.
- 2.19.2.2 Semi-annual monitoring reports shall be **due no later than forty-five days following the end of each six month period**.
- 2.19.2.3 All instances of deviations from permit requirements must be clearly identified in such reports.
- 2.19.2.4 All required reports must be certified by a responsible official consistent with Condition 2.20.

[WAC 173-401-615(3)(a), 8/16/18 (S)]

2.19.3 Compliance Certifications

- 2.19.3.1 The permittee shall submit a certification of compliance with permit terms and conditions, at least once per calendar year.

2.19.3.2 Ecology may require that compliance certifications be submitted more frequently for those emission units not in compliance with permit terms and conditions, or where more frequent certification is specified in the applicable requirement.

2.19.3.3 All certifications shall be **submitted no later than forty-five days following the end of the certification period.**

[WAC 173-401-630(5), 8/16/18 (S)]

2.19.3.4 The certification shall describe and include the following:

2.19.3.4.1 The permit term or condition that is the basis of the certification.

2.19.3.4.2 The current compliance status.

2.19.3.4.3 Whether compliance was continuous or intermittent.

2.19.3.4.4 The methods used for determining compliance, currently and over the reporting period, consistent with WAC 173-401-615(3)(a).

[WAC 173-401-630(5), 8/16/18 (S)]

2.19.3.5 All compliance certifications shall be submitted to Ecology and the EPA Region 10 Administrator at the respective addresses included in this permit.

[WAC 173-401-630(5)(d), 8/16/18 (S)]

2.19.3.6 Where permit conditions do not require testing, monitoring, recordkeeping, and reporting for insignificant emission units or activities, the permittee may certify continuous compliance if there are not observed, documented, or known instances of noncompliance during the reporting period.

2.19.3.7 Where permit conditions require testing, monitoring, recordkeeping or reporting for insignificant emission units or activities, the permittee may certify continuous compliance when the testing, monitoring, or recordkeeping required by the permit revealed no violations during the period, and there were no observed, documented, or known instances of noncompliance during the reporting period.

[WAC 173-401-530(2)(d), 8/16/18 (S)]

2.19.3.8 All compliance certifications shall include certification by a responsible official in accordance with Condition 2.20.

2.19.3.9 For the purpose of submitting compliance certifications, or establishing whether-or-not a person has violated or is in violation of any requirement of this permit, nothing shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test had been performed.

[40 CFR §52.33(a), 7/1/18], [40 CFR §60.11(g), 7/1/18 (F)], [WAC 173-400-115, 11/28/12, 11/26/18 (S) (S)]

2.19.4 Emissions Inventory

The permittee shall submit an inventory of actual emissions from the source for each calendar year. The inventory shall include segmented stack and fugitive emissions of particulate matter, PM₁₀, PM_{2.5}, sulfur dioxide, oxides of nitrogen, carbon monoxide, total reduced sulfur compounds (TRS), fluorides, lead, volatile organic compounds (VOCs), ammonia, and other contaminants. In addition, data elements listed in 40 CFR Part 51, Subpart A, Appendix A, Table 2a, must also be reported. The emissions inventory for each calendar year shall be submitted no later than **April 15th** of the following year. The permittee shall maintain records of information necessary to substantiate any reported emissions, consistent with the averaging times for the applicable standards. Emission estimates used in the inventory may be based on the most recent published EPA emission factors for a source category, or other information available to the permittee, whichever is the better estimate.

Emissions inventories shall be reported and certified to Ecology in the Washington Emissions Inventory Repository System.

[WAC 173-400-105(1), 11/28/12, 11/26/18 (S) NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 5.7]

2.19.5 Greenhouse Gas Reporting

If the permittee emits 10,000 metric tons of greenhouse gases (GHG) or more per calendar year, GHG are required to be reported to Ecology. (Note: WAC 173-441-030(5) details reporting requirements for facilities which are subject to the requirements, but fall below reporting thresholds). All requests, notifications, and communications to Ecology regarding GHG, other than submittal of the annual GHG report, shall be submitted to: Greenhouse Gas Report, Air Quality Program,

Department of Ecology, PO Box 47600, Olympia, WA 98504-7600. Annual GHG reports shall be submitted through Ecology's GHG Reporting page at:

<https://ecology.wa.gov/Air-Climate/Climate-change/Carbon-reduction-targets/Facility-greenhouse-gas-reports>

Reports must meet the requirements of WAC 173-441-050 and include the annual emissions of the GHG listed in WAC 173-441-040 from source categories listed in WAC 173-441-120. The annual GHG report must be submitted electronically in accordance with WAC 173-441-050 and WAC 173-441-060, in a format specified by Ecology. The GHG report is due to Ecology by **October 31st** of each year for the previous calendar year, unless the facility is also required to submit a GHG report to EPA, then the GHG report is due to Ecology **March 31st** of each year for GHG emissions from the previous calendar year.

If the facility emits 10,000 metric tons of GHG or more per calendar year, the permittee must develop a written GHG monitoring plan. The plan shall be revised, as needed, to reflect changes in processes, monitoring instruction, and quality assurance procedures; or to improve procedures for the maintenance and repair of monitoring systems to reduce the frequency of monitoring equipment downtime.

[Chapter 173-441 WAC, 9/15/16 (S)]

2.20 Certification

Reports, test data, monitoring data, notifications, certifications, and applications (including requests for renewal) shall be submitted to Ecology at the address included in this permit. Any document submitted to Ecology pursuant to this permit shall contain certification of truth, accuracy, and completeness by a responsible official. All certifications shall state that *“based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete”*. The permittee shall promptly, upon discovery, report to Ecology any material error or omission in these records, reports, plans, or other documents.

[WAC 173-401-520, 8/16/18 (S)], [WAC 173-401-500(6), 8/16/18 (S)]

2.21 Permit Renewal and Expiration

This permit is issued for a fixed term of 5 years. The permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted. All terms and conditions of the permit shall remain in effect after the permit itself expires if a timely and complete permit application was submitted. This allowance shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit by the deadline specified in writing by Ecology, any additional information identified as being needed to process the application.

A renewal application is due **(1 ½ yrs before expire)**. A complete renewal application is due no later than **(1 yr before expire)**. The application shall be sent to Ecology at the address included in this permit.

[WAC 173-401-610, 710, 8/16/18 (S)]

2.22 Duty to Supplement or Correct Application

The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

[WAC 173-401-500(6), 8/16/18 (S)]

2.23 Administrative Permit Amendments

2.23.1 An administrative permit amendment is a permit revision that:

- 2.23.1.1 Allows for a change in ownership or operational control of this source where the permitting authority has determined that no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to Ecology,
- 2.23.1.2 Corrects typographical errors within the permit,
- 2.23.1.3 Identifies a change in the name, address, or phone number of any person identified in the permit, or provides for a similar minor administrative change at the source,
- 2.23.1.4 Requires more frequent monitoring or reporting by the permittee, or

- 2.23.1.5 Incorporates into the permit the terms, conditions, and provisions from orders approving notice of construction applications processed under an EPA-approved program, provide that such a program meets procedural requirements substantially equivalent to the requirements of WAC 173-401-700, 173-401-725, and 173-401-800 that would be applicable to the change if it were subject to review as a permit modification and compliance requirements substantially equivalent to those contained in WAC 173-401-600 through 173-401-650.
- 2.23.2 The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.
- 2.23.3 The permitting authority shall, upon taking final action granting a request for an administrative permit amendment, allow coverage by the permit shield in WAC 173-401-640 for administrative permit amendments made pursuant to this condition.

[WAC 173-401-720, 8/16/18 (S)]

2.24 Reopening for Cause

- 2.24.1 Ecology will reopen and revise this permit as necessary to remedy deficiencies in the following circumstances:
 - 2.24.1.1 Additional requirements under the FCAA become applicable to a major source three or more years prior to the expiration date of this permit. Such a reopening shall be completed no later than eighteen months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or any of its terms and conditions have been extended pursuant to WAC 173-401-620(2)(j).
 - 2.24.1.2 Ecology or the Administrator determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - 2.24.1.3 Ecology or the Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- 2.24.2 Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- 2.24.3 Reopenings shall not be initiated before a notice of intent to reopen is provided to the permittee by Ecology at least thirty days in advance of the date that this permit is to be reopened, except that Ecology may provide a shorter time period in the case of an emergency.

[WAC 173-401-730, 8/16/18 (S)]

2.25 Off-Permit Changes

The permittee is allowed to make certain changes that are not specifically addressed or prohibited by this permit without a permit revision. All such changes must meet the following conditions:

- 2.25.1 The proposed changes shall not weaken the enforceability of any existing permit conditions.
- 2.25.2 Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition.
- 2.25.3 Before or contemporaneously with making the permit change, the permittee must provide written notice to Ecology and EPA Region 10 at the respective addresses included in this permit. Such written notice shall describe each such change, including the date, any change in emissions or pollutants emitted, and any applicable requirements that would apply as a result of the change.
- 2.25.4 The change shall not qualify for the permit shield under Condition 2.1.
- 2.25.5 The permittee shall record all changes that result in emissions of any regulated air pollutant subject to any applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes. The record shall reside at the permitted facility.
- 2.25.6 A source making a change under this section shall comply with the preconstruction review requirements established pursuant to Condition 2.27.

[WAC 173-401-724, 8/16/18 (S)]

2.26 Changes Not Requiring Permit Revisions

- 2.26.1 *Section 502(b)(10) changes.* The permittee is authorized to make Section 502(b)(10) changes, as defined in WAC 173-401-200(28), without a permit revision, providing the conditions included below are met. The permit shield as described in Condition 2.1 shall not apply to any change made pursuant to this paragraph.
- 2.26.1.1 The proposed changes are not Title I (FCAA) modifications;
- 2.26.1.2 The proposed changes do not result in emissions which exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions;
- 2.26.1.3 The proposed changes do not alter permit terms that are necessary to enforce limitation on emissions from units covered by the permit;
- 2.26.1.4 The facility provides Ecology and EPA with written notification at least seven days prior to making the proposed changes except that written notification of a change made in response to an emergency shall be provided as soon as possible after the event;
- 2.26.1.4.1 The written notification shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- 2.26.2 *Changes related to Emissions trading under an emissions cap.* Pursuant to Condition 2.26.1, the permittee is authorized to trade increases and decreases in emission in the permitted facility, where the Washington SIP provides for such emissions trades without requiring a permit revision. This provision is available in those cases where the permit does not already provide for such emissions trading. Such changes shall be subject to the following:
- 2.26.2.1 The written notification required under Condition 2.26.1.4 shall include such information as may be required by the provision in the Washington SIP authorizing the emissions trade, including at a minimum: when the proposed change will occur, a description of each such change, any change in emissions, the permit requirements with which the source will comply using the emissions trading provisions of the Washington SIP, and the pollutants emitted subject to the emissions trade. The notice shall also refer to the provisions with which the source will comply in the applicable implementation plan and that provide for the emissions trade. The notification shall state how any increases or decreases in emissions will comply with the terms and conditions of the permit. (The permit shield described under Condition 2.1 shall extend to terms and conditions that allow such increases and decreases.)
- 2.26.2.2 The permit shield described in Condition 2.1 shall not extend to any change made under this paragraph. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the applicable implementation plan authorizing the emissions trade.
- 2.26.2.3 Upon the request of the permit applicant, Ecology shall issue permits that contain terms and conditions, including all terms required under WAC 173-401-600 through 173-401-630 to determine compliance, allowing for the trading of emissions increases and decreases in the Chapter 173-401 WAC source solely for the purpose of complying with a federally enforceable emissions cap that is established in the permit independent of otherwise applicable requirements. The permit applicant shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable. The emissions trading provision shall not be applied to any emissions units for which emission are not quantifiable or for which there are no replicable procedures to enforce the emissions trades. The permit shall also require compliance with all applicable requirements.
- 2.26.2.4 A source making a change under this section shall comply with applicable preconstruction review requirements established pursuant to Condition 2.27.
- 2.26.2.5 No permit revision shall be required, under any approved economic incentives, marketable permits, and other similar programs or processes for changes that are provided for in this permit such as emissions trading.

[WAC 173-401-722, 8/16/18 (S)], [WAC 173-401-620(2)(g), 8/16/18 (S)]

2.27 New Source Review

The permittee shall not construct new sources or make modifications required to be reviewed under WAC 173-400-110, WAC 173-400-113, WAC 173-400-560, WAC 173-400-720, WAC 173-400-820, or Chapter 173-460 WAC before the

permittee obtains written final approval from Ecology in accordance with those regulations, pays the appropriate fees required by WAC 173-455-120, and pays the cost of public notice described in WAC 173-400-171.

[RCW 70.94.152(1), 2018 (S)], [WAC 173-400-110, 11/28/12, 11/26/18 (S)], [WAC 173-400-113, 11/28/12, 11/26/18 (S)], [WAC 173-400-171, 11/28/12, 11/26/18 (S)], [WAC 173-400-560, 11/28/12, 11/26/18 (S)], [WAC 173-400-720, 11/28/12, 11/26/18 (S)], [WAC 173-400-820, 11/28/12, 11/26/18 (S)], [WAC 173-455-120, 10/25/18 (S)], [WAC 173-460, 5/20/09 (S)]

2.28 Replacement or Substantial Alteration of Emission Control Technology

Prior to replacing or substantially altering emission control technology subject to review under WAC 173-400-114, the permittee shall file for and obtain approval from Ecology and pay the appropriate fees required by WAC 173-455-100(4) prior to commencing construction.

[WAC 173-400-114, 11/26/18 (S)], [WAC 173-455-100(4), 10/25/18 (S)], [RCW 70.94.153, 2018 (S)]

2.29 Federal Chlorofluorocarbons Requirements – Title VI of the FCAA

- 2.29.1 The permittee shall comply with the following standards for recycling and emissions reductions pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
- 2.29.1.1 Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR §82.156.
 - 2.29.1.2 Equipment used during the maintenance, service, repair, or disposal must comply with the standards for recycling and recovery equipment pursuant to 40 CFR §82.158.
 - 2.29.1.3 Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.
 - 2.29.1.4 Persons disposing of small appliances, motor vehicle air conditioners, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR §82.166. (“MVAC-like appliance” is defined at 40 CFR §82.152.)
 - 2.29.1.5 Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR §82.156.
 - 2.29.1.6 Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep servicing records documenting the date and type of service, as well as the quantity of refrigerant added. The owner/operator must keep records of refrigerant purchased and added to such appliances in cases where owners add their own refrigerant. Such records should indicate the date(s) when refrigerant is added pursuant to 40 CFR §82.166.
 - 2.29.1.7 Persons conducting maintenance, service, repair, or disposal of appliances must follow the prohibitions pursuant to 40 CFR §82.154.
 - 2.29.1.8 Persons performing maintenance, service, repair, or disposal of appliances must certify to the EPA that such person has acquired certified recovery of recycling equipment pursuant to 40 CFR §82.162.
- 2.29.2 If the permittee manufactures, transforms, imports, or exports a Class I or Class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 2.29.3 If the permittee performs a service on monitor (fleet) vehicles and when this service involves ozone depleting substance refrigerant in the MVAC, the permittee is subject to all applicable requirements as specified in 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 2.29.4 The permittee shall be allowed to switch from any ozone depleting substance to any alternative that is listed in the Significant New Alternative Program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternative Policy Program.

[RCW 70.94.970, 2018 (S)], [40 CFR Part 82, 7/1/18]

2.30 Demolition and Renovation (Asbestos)

Prior to, during, and after conducting any activity to which 40 CFR Part 61, Subpart M – National Emission Standard for Asbestos applies, the permittee shall comply with the requirements of that rule. Such activities include demolition, renovation, asbestos stripping or removal, installing or reinstalling insulation, manufacturing of fabricating certain items, spraying of certain materials, constructing roadways of certain materials, or disposal.

[WAC 173-400-075(1), 11/26/18 (S)], [40 CFR Part 61, Subpart M, 7/1/18]

2.31 Nonroad Engines

Prior to installation or operation of a non-road engine, as defined in WAC 173-400-030(56), the permittee shall meet the requirements of WAC 173-400-035. If the nonroad engine(s) has a cumulative maximum rated brake horsepower greater than 500, a notification of intent to operate will be submitted to Ecology. If the nonroad engine(s) has a cumulative maximum rated break horsepower greater than 2,000, the permittee will not operate the engine(s) unless Ecology issues written approval to operate.

[WAC 173-400-035, 11/26/18 (S)]

2.32 Operational Flexibility

2.32.1 In the event that an emission unit is not operated during a period equal to or greater than the monitoring period designated, no monitoring is required. Recordkeeping and reporting must note the reason why and length of time that the emission unit was not operated.

2.32.2 The permittee did not propose any further alternative operating scenarios.

[WAC 173-401-650, 8/16/18 (S)]

2.33 Compliance Schedules

2.33.1 The permittee shall continue to comply with applicable requirements with which it is currently in compliance. The permittee shall meet applicable requirements on a timely basis that become effective during the permit term.

[WAC 173-401-510(2)(h)(iii), 8/16/18 (S)]

3.0 APPLICABLE REQUIREMENTS

Until this permit expires, is modified or revoked, this permittee is authorized to operate subject to the requirements shown in Tables 3.1, 3.2, and to the other terms and conditions specified in this permit.

3.1 Facility Wide Sources. The following requirements apply SOURCE WIDE; including, but not limited to the Ash Recycling Facility and roadways, unless an alternate requirement is specifically stated for a particular emissions unit. Since monitoring, recordkeeping, and reporting has not specifically been required by Ecology for insignificant emission units, per WAC 173-400-105(1st ¶), 8/16/18 (S) (S), there are no air operating permit monitoring, recordkeeping, or reporting requirements for the insignificant emission units under this Source Wide section, as allowed per WAC 173-401-530(2)(c), 8/16/18 (S).

	Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.1.1	RCW 70.94.040, 2018	S	It is unlawful for any person to cause air pollution or permit it to be caused in violation of RCW 70.94, or of any ordinance, resolution, rule or regulation validly promulgated thereunder.	None specified.	No additional monitoring required.
3.1.2	WAC 173-400-040(1st ¶), 11/28/12 WAC 173-400-040(1)(2nd ¶), 11/26/18; RCW 70.94.154, 2018	F S	All emissions units are required to use RACT.	None specified.	No additional monitoring required.
3.1.3	WAC 173-400-040(3), 11/26/18	S	No person shall cause or permit the emission of PM from any source to be deposited beyond the property under direct control of the owner(s) or operator(s) of the source in sufficient quantity to interfere unreasonably with the use and enjoyment of the property upon which the material is deposited.	None specified.	No additional monitoring required.

Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
<p>3.1.4 WAC 173-400-040(1)(a), (b), 11/28/12</p> <hr/> <p>WAC 173-400-040(2)(a), (b), 11/26/18</p>	<p>F</p> <hr/> <p>S</p>	<p>Opacity shall not exceed 20% for more than three (3) minutes, in any one (1) hour.</p>	<p>Ecology Method 9A, "Source Test Manual - Procedures for Compliance Testing," State of Washington Department of Ecology, 7/12/90. [WAC 173-401-615(1), 8/16/18 (S)]</p>	<p>1) The permittee shall conduct monthly visible emissions surveys of all emission sources and the property boundary during daylight hours as follows: a) the survey shall be conducted from a location with a clear view of the emission source, or boundary, and where the sun is not directly in the observer's eyes. The survey location shall be at least 15 feet but not more than 0.25 miles from the source; b) survey shall be conducted during operation; c) the observer will be educated in the general procedures for determining the presence of visible emissions (i.e. effects on the visibility of emissions caused by background contrast, position of the sun and amount of ambient lighting, and observer position relative to source and sun); d) the survey shall consist of a minimum 15-second visual observation of each emission source to identify those emission sources which exhibit visible emissions; e) in addition to the records required under Condition 3.5, the observer shall record the wind direction, sky condition, sun location with respect to the source and the survey location, and the time duration of the survey.</p> <p>2) The permittee shall conduct Ecology Method 9A testing of an emission source when visible emissions, other than uncombined water, are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings) unless any two readings are greater than 20% opacity in which case the testing period shall be 60 consecutive minutes or until a violation is documented. If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 8/16/18 (S)]</p>

Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.1.5 NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 2.1, 4.4	F	Visible emissions from the emission units shall not exceed ten (10) percent opacity. If visible emissions are observed in excess of this requirement, & the permittee is unable to satisfactorily bring the emissions into compliance, full enclosure of the activities will be required.	EPA RM 9, 40 CFR 60, Appendix A, 7/1/10.	Comply with 3.1.4, except that: 2) The permittee shall conduct RM 9 testing when visible emissions are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings). If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 8/16/18 (S)]
3.1.6 NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 2.2, 4.4	F	Visible emissions, from the ash recycling facility, shall not exceed five (5) percent opacity, at the Roosevelt Regional Landfill property line. If visible emissions are observed in excess of this requirement, & the permittee is unable to satisfactorily bring the emissions into compliance, full enclosure of the activities will be required.	EPA RM 9, 40 CFR 60, Appendix A, 7/1/10. [WAC 173-401-615(1), 8/16/18 (S)]	Comply with 3.1.4, except that: 2) The permittee shall conduct RM 9 testing when visible emissions are observed during a survey or are otherwise observed by the permittee. Testing shall be conducted as follows: a) testing shall be initiated as soon as possible, but not later than 24 hours after the requirement to conduct such testing is triggered; b) all testing shall be performed during periods when the subject emissions unit is operating; c) testing shall consist of certified opacity readings at 15-second intervals over a minimum period of six consecutive minutes (24 consecutive readings). If a violation is documented, appropriate and timely action shall be taken (as soon as possible, but within 24 hours) to identify and correct the problem causing the opacity. The required recordkeeping shall include the name of the person recording the information, the name(s) of the person(s) taking the corrective action, and the nature, time, date, and effectiveness of any corrective action taken in response to a violation. [WAC 173-401-615(1), 8/16/18 (S)]
3.1.7 WAC 173-400-040(3)(a), 11/28/12 <hr/> WAC 173-400-040(4)(a), 11/26/18	F <hr/> S	Reasonable precautions shall be taken to control fugitive emissions.	None specified.	No additional monitoring required.

	Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.1.8	WAC 173-400-040(5), 11/26/18	S	Odors which may unreasonably interfere with use and enjoyment of property are prohibited unless recognized good practice and procedures are employed to reduce odors to a reasonable minimum.	None specified.	No additional monitoring required.
3.1.9	WAC 173-400-040(5), 11/28/12 WAC 173-400-040(6), 11/26/18	F S	No emissions detrimental to persons or property.	None specified.	No additional monitoring required.
3.1.10	WAC 173-400-040(6)(1st ¶), 11/28/12 WAC 173-400-040(7)(1st ¶), 11/26/18	F S	SO ₂ shall not exceed 1000 ppm by volume on a dry basis, corrected to 7% O ₂ for combustion sources, and based on the average of any period of sixty (60) consecutive minutes.	EPA RM 8, 40 CFR Part 60, Appendix A, 7/1/10. [WAC 173-401-615(1), 8/16/18 (S)]	No additional monitoring required.
3.1.11	WAC 173-400-040(7), 11/28/12 WAC 173-400-040(8), 11/26/18	F S	No person shall cause or permit the installation or use of any means which conceals or masks an emission of an air contaminant.	None specified.	No additional monitoring required.
3.1.12	WAC 173-400-040(8)(a), 11/28/12 WAC 173-400-040(9)(a), 11/26/18	F S	Permittee shall take reasonable precautions to prevent fugitive dust from becoming airborne and shall maintain and operate the source to minimize emissions.	None specified.	No additional monitoring required.
3.1.13	WAC 173-400-050(1), (3), 11/28/12 WAC 173-400-050(1), (3), 11/26/18	F S	PM emissions from combustion sources shall not exceed 0.1 gr/dscf corrected to 7% O ₂ .	EPA RM 5, 40 CFR Part 60, Appendix A, 7/1/10. [WAC 173-401-615(1), 8/16/18 (S)]	No additional monitoring required.

	Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.1.14	WAC 173-400-060, 11/28/12 <hr/> WAC 173-400-060, 11/26/18	F <hr/> S	General process units required to meet all applicable provisions of WAC 173-400-040. PM shall not exceed 0.1 gr/dscf.	EPA RM 5, 40 CFR Part 60, Appendix A, 7/1/10. [WAC 173-401-615(1), 8/16/18 (S)]	No additional monitoring required.
3.1.15	WAC 173-400-200(2), 11/28/12 <hr/> WAC 173-400-200(2), 11/26/18	F <hr/> S	No use of excess stack height or dispersion techniques shall be used to meet ambient air quality standards or Prevention of Significant Deterioration increments.	None specified.	No additional monitoring required.
3.1.16	WAC 173-400-205, 11/28/12 <hr/> WAC 173-400-205, 11/26/18	F <hr/> S	No varying of emissions according to atmospheric conditions or ambient concentrations.	None specified.	No additional monitoring required.
3.1.17	NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 3.1, 3.2, 3.5	F	Permittee shall follow all recommended installation, configuration, operation, and maintenance, provisions supplied by the permitted units' manufacturers. The ARF shall be operated in accordance with a site-specific O&M manual, prepared by the permittee.	The manual shall reflect standard operating parameters, a maintenance or inspection schedule for each emission unit, monitoring and recordkeeping requirements and procedures, symptoms of abnormal unit operation, and corrective actions to be followed in case of malfunction. O&M manuals shall be updated to reflect any modification to the source or operating procedures. [NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 3.2]	The O&M manuals shall be kept on file. This file shall be reviewed at least annually with records kept of the date of and personnel who performed such review. Responsible official shall certify that the emission units are being operated per their respective O&M manual. [NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 3.5]

	Applicable Requirement (Facility Wide Sources)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under 'applicable requirement')	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.1.17	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 3.6	F	If visual inspection, public complaints, or other information indicates that excessive emissions are occurring, the permittee shall take immediate steps to bring the affected emission unit(s) into compliance.	None specified.	No additional monitoring required.
3.1.18	NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 5.3, 5.4, 5.5, 5.6	F	<p>Operation of the facility shall be conducted in compliance with all data and specifications submitted as part of the NOC application and in accordance with the O&M Manual, unless otherwise approved in writing by Ecology.</p> <p>Any activity undertaken by the permittee, or others, in a manner that is inconsistent with the NOC application and this determination, shall be subject to Ecology enforcement under applicable regulations.</p> <p>Nothing in NOC No. 15AQ-C197 First Revision, shall be construed so as to relieve the permittee of its obligations under any state, local, or federal laws or regulations.</p>	None specified.	<p>A legible copy of NOC No. 15AQ-C197 First Revision, shall be available to employees in direct operation of the source and be available for review upon request by Ecology. [NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 5.3]</p> <p>NOC No. 15AQ-C197 First Revision, shall be kept on file. This file shall be reviewed at least annually with records kept of the date of and personnel who performed such review. Responsible official shall certify that the emission units are being operated per their O&M manual. [WAC 173-401-615(1), 8/16/18 (S)]</p>

3.2 Ash Recycling Facility. The following requirements apply to the Ash Recycling Facility.

	Applicable Requirement (ARF)	Enforceability (Federal = F, State = S)	Description (for clarification purposes only, enforceable as cited under ‘applicable requirement’)	Monitoring and Analysis Procedure or Test Method	Monitoring, Recordkeeping, and Reporting to be Performed by Permittee
3.2.1	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 1.1	F	The ARF may consist of up to one (1) impact crusher and initial sorting, two (2) feed hoppers, two (2) screens, four (4) over-belt magnet separators, three (3) magnet pulleys, seven (7) eddy-current separators, one (1) sorter, one (1) fines crusher, four (4) vibration chutes, one (1) acceleration belt conveyor, and 25 conveyors.	None specified.	No additional monitoring required.
3.2.2	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 1.2	F	Preprocessed “ash” and post processed “mineral” shall be stored in separate storage bays. No more than three (3) days worth of each material may be stored.	None specified.	No additional monitoring required.
3.2.3	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 1.3	F	Ash storage, mineral storage, & feed hopper shall be controlled using mobile water sprinklers.	None specified.	No additional monitoring required.
3.2.4	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 1.4	F	Double deck screen & fines crusher shall be controlled using fixed sprinklers.	None specified.	No additional monitoring required.
3.2.5	NOC No. 15AQ-C197 First Revision, 8/10/18, Condition 1.5	F	Floors shall be swept regularly.	None specified.	No additional monitoring required.
3.2.6	NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 1.6, 4.1, 4.2	F	Ash processing shall not exceed 100 tons per hour and 300,000 tons per year.	None specified.	Ash processing shall be monitored and tons processed shall be recorded at least monthly. Records shall be kept on-site and made available for inspection upon request. The records shall be organized in a readily accessible manner. [NOC No. 15AQ-C197 First Revision, 8/10/18, Conditions 4.1, 4.2]