



Air Operating Permit No. y-004-02  
Date Issued: April 29, 2014  
Effective Date: April 30, 2014  
Expiration Date: April 30, 2019  
Application Renewal Due Date: April 30, 2018

## Yakima Regional Clean Air Agency

Mailing and Location Address: 329 North 1<sup>st</sup> Street  
Yakima, WA 98901

Phone: (509) 834-2050 Fax: (509) 834-2060

*In Compliance* with the provisions of The State of Washington Clean Air Act Chapter 70.94 Revised Code of Washington and the Federal Clean Air Act 42 United States Code, Section 7401 *et seq.*

**Terrace Heights Landfill**, a municipal solid waste landfill

Issued to: Yakima County Public Services  
Solid Waste Division  
7151 Roza Hill Drive  
Yakima, WA 98901

Facility located at: 7151 Roza Hill Drive, Yakima, WA 98901

is authorized to generate air emissions in accordance with the general and special conditions in this Air Operating Permit No. y-004-02.

Prepared by:

Hasan M. Tahat, Ph.D.  
Yakima Regional Clean Air Agency  
Phone: (509) 834-2050 Ext. 105

This Operating Permit has been reviewed by the undersigned professional engineer.

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Joseph Andreotti, P.E., Andreotti and Associates

This Operating Permit has been issued by the undersigned.

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Hasan M. Tahat, Ph.D. for Gary W. Pruitt, Director, Yakima Regional Clean Air Agency

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## **1.0 General Terms and Conditions**

The following General Terms and Conditions cite applicable rules and regulations that serve as the statutory and regulatory bases for the requirements. Where there is difference, cited regulations take precedence over the paraphrased requirements. All referenced statutes, regulations, or source test manuals which become requirements or parts of any requirement of this permit are those in effect at the time this permit is issued. Cited rules and regulations or quoted provisions therein followed by a state-only are not federally enforceable and are state requirements only. The Yakima Regional Clean Air Agency, hereinafter referred to as YRCAA, issues this permit to Yakima County Public Services, Solid Waste Division-Terrace Heights Landfill, hereinafter referred to as the Permittee, THL, the Facility or the permitted Facility at 7151 Roza Hill Drive, Yakima, WA. The Permittee shall comply with the following permit general requirements, in operating the Facility.

### **1.1 Permit Duration**

WAC 173-401-610 (effective 11/4/93)

This permit is issued for a fixed term of five years from the indicated date of issue unless otherwise specified.

### **1.2 Compliance Requirement**

WAC 173-401-620(2)(a) (effective 11/4/93), WAC 173-401-620(2)(b) (effective 11/4/93)

1.2.1 Duty to comply: The Permittee shall comply with all the terms and conditions of this permit. Non-compliance with any provision of this permit constitutes a violation of Chapter 70.94 RCW and the Federal Clean Air Act (FCAA) for provisions which are indicated as federally enforceable. Such violations are grounds for enforcement action, permit termination, revocation and reissuance, or modification and/or for denial of a permit renewal application.

1.2.2 Need to halt or reduce activity not a defense: It shall not be a defense for the 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.

### **1.3 Annual Fee Payment**

WAC 173-401-620(2)(f) (effective 11/4/93)

The Permittee shall pay fees in the amounts determined using the method based in the YRCAA Regulation 1, Section 2.02(D) as a condition of this permit (effective 4/08/00). Failure to pay fees on time, as required, is subject to civil and criminal penalties as prescribed in Chapter 70.94 RCW (effective 1994) and YRCAA Regulation 1, Section 5.02 (effective 3/8/00).

## **1.4 Requirement to provide information**

WAC 173-401-500(6) (effective 10/17/02), WAC 173-401-620(2)(e) (effective 11/4/93), YRCAA Reg. 1 Section 1.07 (B) & (C) (effective 3/8/00)

- 1.4.1 Duty to provide information: The Permittee shall furnish to the YRCAA within a reasonable time, any information that YRCAA may request in writing to determine whether cause exists for modifying, revoking, reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish YRCAA copies of records required to be kept as entailed in the permit. For information claimed to be confidential, the Permittee shall furnish such records directly to the YRCAA and directly to the EPA Administrator, along with a claim of confidentiality. YRCAA shall maintain confidentiality for such information in accordance with RCW 70.94.205 (effective 1991).
- 1.4.2 Duty to supplement: The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit or any renewal permit applications, shall promptly provide the additional information to YRCAA. This includes information necessary to address any requirement(s) that become applicable to the source after it filed a complete renewal application. The Permittee shall submit any such information at any time after the permit renewal application has been submitted; including the term of the operating permit.
- 1.4.3 Duty to maintain true information: The Permittee shall not provide false and misleading information to YRCAA. The Permittee shall not alter or reproduce the permit for the purpose of evading or violating any provision of this permit (state only).

## **1.5 Property Rights**

WAC 173-401-620(2)(d) (effective 11/4/93)

This permit does not convey any property rights of any sort, or any exclusive privilege.

## **1.6 Transfer of Ownership or Operation**

WAC 173-401-720(1)(d) (effective 11/4/93)

This permit is nontransferable by current owners of the permitted Facility. In case of a change of ownership, the new owners of the permitted Facility shall obtain a new Title V Operating Permit from YRCAA. However, a change of ownership or operational control of the permitted Facility is treated as an administrative permit amendment if no other change in this permit is necessary and, provided that a written agreement containing specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittee has been submitted to the YRCAA.

## **1.7 Inspection and Entry**

WAC 173-401-630(2) (effective 11/4/93), YRCAA REG. 1 Section 1.07 (B) & (C) (effective 4/08/00)

1.7.1 Upon presentation of appropriate credentials and other documents as may be required by law, the Permittee shall allow the office of the YRCAA Director or authorized YRCAA representative(s) to perform the following:

- 1.7.1.1 Enter upon the premises of the permitted Facility where the emissions related activity is conducted or where records shall /are kept under the conditions of the permit;
- 1.7.1.2 Have access to and copy at reasonable times any records that must be kept under the conditions of this permit;
- 1.7.1.3 Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- 1.7.1.4 As authorized by WAC 173-400-105 (effective 12/29/12) and the FCAA, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements.

1.7.2 Nothing in this provision shall limit the ability of EPA to inspect or enter the premises of the permitted Facility under Section 114 or other provisions of the FCAA.

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

## **1.8 Permit Actions**

WAC 173-401-620(2)(c) (effective 11/4/93)

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 reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

## **1.9 Changes not Requiring Permit Revisions**

WAC 173-401-722 (effective 10/17/02)

1.9.1 The Permittee may make changes without requiring permit revision provided that the changes satisfy the following criteria:

- 1.9.1.1 The proposed changes are not Title I (modification);
  - 1.9.1.2 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;
  - 1.9.1.3 The proposed changes do not alter permit terms that are necessary to enforce limitations on emissions from units covered by the permit; and
  - 1.9.1.4 The Permittee provides the EPA administrator and YRCAA 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.
- 1.9.2 The Permittee is authorized to make changes in accordance with section 502 (b)(10) of the FCAA without a permit revision as specified in the section. Section 502 (b)(10) changes are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.
- 1.9.3 The Permittee is authorized to trade increases and decreases in emissions in the permitted Facility, as the Washington state implementation plan provides for such emission trades without requiring a permit revision.
- 1.9.4 The Permittee shall comply with applicable preconstruction review requirements pursuant to RCW 70.94.152 (effective 1994) when making changes provided in this section.

## **1.10 Off-permit changes**

WAC 173-401-724 (effective 11/4/93)

- 1.10.1 The Permittee shall be allowed to make changes not specifically addressed or prohibited within the terms and conditions of this permit without requiring a permit revision, provided that the proposed changes do not weaken the enforceability of existing permit conditions. Any change that is a Title V modification or is a change subject to the acid rain requirement under Title IV of the FCAA must be submitted as a permit revision.
- 1.10.2 Any changes that the Permittee makes shall meet all applicable requirements and shall not violate any existing permit term(s) or condition(s).
- 1.10.3 The change(s) that the Permittee makes shall not qualify for the permit shield under WAC 173-401-640 (effective 11/4/93), unless, timely and proper permitting is authorized and obtained from the permitting authority.

1.10.4 The Permittee shall keep a record describing changes made at the permitted Facility 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.

### **1.11 Emissions Trading**

WAC 173-401-620(2)(g) (effective 11/4/93)

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

### **1.12 Severability Clause**

WAC 173-401-620(2)(h) (effective 11/4/93)

The provisions of this permit are severable and, if any provision of this permit, or application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to their circumstances, and the remainder of this permit, shall not be affected and be enforceable thereby.

### **1.13 Permit Appeals**

WAC 173-401-735 (effective 5/3/97), WAC 173-401-620(2)(i) (effective 11/4/93)

This permit or any condition in it may be appealed only by filing an appeal with the Pollution Control Hearings Board (PCHB) as described in Chapter 43.21B RCW and RCW 70.94.161(9) (effective 1993). Appeals should be sent to the Pollution Control Hearings Board, P.O. Box 4903, Olympia, WA. 98504-4903. Concurrently, a copy of the application must be sent to the YRCAA, 329 N. First St. Yakima, WA. 98901. In addition USEPA may be petitioned in accordance with WAC 173-401-920(3)(c)(xi). Any appealable decision or determination shall be identified as such and shall contain a conspicuous notice to the recipient, indicating that it may be appealed by filing an appeal with the PCHB and serving the appeal to the YRCAA within 30 days of receipt, pursuant to RCW 43.21B.310. These procedures are consistent with the provisions of Chapter 43.12B RCW and the rules and regulations adopted thereunder. The provision for appeal in this section is separate from and additional to any federal rights to petition and review as provided in section 505(b) of the FCAA.

### **1.14 Permit Continuation**

WAC 173-401-620(2)(j) (effective 11/4/93)

This permit and all terms and conditions contained therein, including any permit shield provided under WAC 173-401-640 (effective 11/4/93), shall not expire until the renewal permit is issued or denied if a timely and complete application has been submitted. An application shield granted under WAC 173-401-705(2) (effective 11/4/93) shall remain in

effect until the renewal permit is issued or denied if a timely and complete permit application has been submitted.

## **1.15 Emergencies**

WAC 173-401-645 (effective 11/4/93)

An emergency- means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God. Such situation(s) requires immediate corrective action to restore normal operation, and that causes the permitted Facility 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 preventive maintenance, carelessness or improper operation, or operator error. Noncompliance with a technology-based emission limitation shall not be an emergency defense, unless following conditions are met and verified:

- 1.15.1 The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence;
- 1.15.2 The emergency occurred and that Permittee can identify the cause(s) of the emergency;
- 1.15.3 The permitted Facility was being properly operated at the time of the emergency;
- 1.15.4 During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded standards, or other requirements in the permit;
- 1.15.5 The Permittee submitted notice of the emergency to YRCAA within two working days of the time when emission limitations were exceeded due to the emergency, or shorter periods of time as specified in the applicable requirements. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. This notice shall satisfy the excess emissions reporting requirements as specified in WAC 173-401-615 (3)(b) (effective 10/17/02) unless the excess emissions represent a potential threat to human health or safety; and
- 1.15.5 Prompt reporting shall be required of the Permittee for all deviations from permit conditions or emergencies from the permitted Facility. For deviations or emergencies which represent a potential threat to human health or safety, prompt reporting- means reporting as soon as possible, but in no case later than twelve hours after the emergency or deviation is discovered [WAC 173-401-615 (3)(b) (effective 10/17/02)].

### **1.16 Unavoidable Excess Emissions**

WAC 173-400-107(2) (effective 4/1/11), YRCAA Regulation 1 Section 3.11 (D)(3) (effective 4/08/00)

Excess emissions due to start-up or shutdown conditions, scheduled maintenance or upsets that are determined to be unavoidable under the procedures and criteria in WAC 173-400-107 (effective 4/1/11), shall be excused and not subject to penalty, as long as they satisfy conditions and criteria of the unavoidable emissions.

### **1.17 Federal Enforceability**

WAC 173-401-625 (effective 11/4/93)

All terms and conditions of this permit are enforceable by EPA and by citizens under the FCAA, except for those terms and conditions designated in the permit as "state only", WAC 173-401-625 (effective 11/4/93).

### **1.18 Reasonably Available Control Technology (RACT)**

WAC 173-401-605(3) (effective 11/4/93)

Emission standards and other requirements contained in rules, regulatory orders and other permits in effect at the time of operating permit issuance or renewal shall be considered RACT for purposes of this renewal permit or any future renewal, provided that no RACT determination has been made for the category of sources in which this permitted Facility is included. Emission standards in the RACT shall be the applicable standard of this permit when a RACT determination is made. RACT can be incorporated into this permit at any time pursuant to WAC 173-401-730 (effective 11/4/93).

### **1.19 Records, Monitoring and Reporting Requirements**

WAC 173-400-105 (effective 12/29/12)

Except as provided in Section 2.0 Permit Specific Terms and Conditions, upon written notification by YRCAA, the Permittee shall provide the maintained records deemed necessary to determine whether the Facility is complying with emission limitations and control measures of this permit. Such records shall include the type and quantity of emissions from the permitted Facility and other information as deemed necessary by YRCAA.

### **1.20 Required Recordkeeping for Monitoring**

WAC 173-401-615(2)(a) (effective 10/17/02)

Records of required monitoring shall include at least the following, whenever applicable:

- 1.20.1 Date, place as defined in the permit, and time of sampling or measurements;
- 1.20.2 Date when analyses were performed;

- 1.20.3 Company or entity performing the analyses;
- 1.20.4 Analytical techniques or methods used;
- 1.20.5 Results of such analyses; and
- 1.20.6 Operating conditions existing at the time of sampling or measurement.

### **1.21 Recordkeeping of Emissions Related Changes**

WAC 173-401-615(2)(b) (effective 10/17/02)

Records for changes not regulated under this permit shall be provided to YRCAA which shall include at least description of the changes made at the source that resulted in emissions of a regulated air pollutant subject to an applicable requirement, and the emissions resulting from those changes.

### **1.22 New Source Review**

WAC 173-400-110 (state only, effective 12/29/12); WAC 173-400-113 (state only, effective 12/29/12);  
WAC 173-400-114 (state only, effective 12/29/12).

- 1.22.1 The Permittee shall not construct, install, or establish any new air contaminant source, or modify any existing air contaminant in the permitted Facility without First filing a New Source Review (NSR) application previously known as a Notice of Construction (NOC) application with YRCAA in accordance with all applicable rules and regulations. An NSR order of approval permit shall be approved by the YRCAA in accordance with WAC 173-400-110 before any construction or modification takes place (effective 12/29/12).
- 1.22.2 The Permittee shall file a NSR application with YRCAA for any replacement or substantial modification of air emission control technology installed on an existing stationary source in the permitted Facility in accordance with the WAC 173-400-110 (effective 12/29/12).

### **1.23 Schedule of Compliance:**

WAC 173-401-630(3) (effective 11/4/93), WAC 173-401-510(2)(h)(iii) (effective 6/17/94)

The Permittee shall continue to comply with all applicable requirements, but not limited, to those that the Facility is in compliance with, and the applicable requirements that may become effective during the permit term. The Permittee shall meet such requirements in a timely manner.

### **1.24 Certification by a Responsible Official**

WAC 173-401-520 (effective 11/4/93), WAC 173-401-630(1) (effective 11/4/93)

Any application form, report or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required by this permit shall state at least that, based on information and belief formed from reasonable inquiry, the statements and information in the document are true, accurate, and complete.

### **1.25 Permit Reopening**

WAC 173-401-730 (effective 11/4/93)

The permit shall be reopened and revised under any of the following circumstances:

- 1.25.1 Additional applicable requirements under the Act become applicable to the Permittee with a remaining permit term of 3 or more years. Such 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 date on which the permit is due to expire unless the original permit or any of its terms and conditions has been administratively extended pursuant to WAC 173-401-620(2)(j) (effective 11/4/93).
- 1.25.2 Additional requirements (including excess emissions requirements) become applicable to the permitted facility under the acid rain program. Upon approval by the EPA administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
- 1.25.3 The YRCAA or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- 1.25.4 The YRCAA or EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

### **1.26 Outdoor Burning**

YRCAA Reg., I Section 3.03(C) (effective 3/8/00)

The Permittee shall not conduct any open burning at the permitted facility without a written permit from YRCAA.

### **1.27 Asbestos Abatement**

40 CFR 61 Subpart M (effective 11/20/90), YRCAA Reg. 1 Section 3.07 (state only, effective 3/8/00)

- 1.27.1 The Permittee is subject 40 CFR Part 61, Subpart M as the Facility accepts asbestos materials in the landfill an shall comply with the standards, recordkeeping and reporting requirements as specified in the subpart-standards§61.154(a),§61.154(b), (e)(3),(g) Recordkeeping §61.154(e)(1),(e)(4),(f),(i), reporting §61.153(a)(5),(b) §1.154(e)(2), (h), (i),(j)
- 1.27.2 The Permittee shall comply with 40 CFR 61.145 (effective 1/16/91) and 61.150 (effective 1/16/91) when conducting any renovation or demolition activities at the facility.
- 1.27.3 The Permittee shall conduct an assessment of asbestos materials prior to any renovation or demolition activities at the facility. When asbestos materials are found, removal shall be conducted in accordance to the provisions set forth in 40 CFR 61.145 (effective 1/16/91).

## **1.28 Stratospheric Ozone and Global Climate Protection**

40 CFR 82 Subpart F (effective 5/14/93), RCW 70.94.970(2) (state only, effective 1991), RCW 70.94.970(4) (state only, effective 1991)

- 1.28.1 The Permittee shall comply with the following recycling and emissions reduction standards for ozone depleting refrigerants:
  - 1.28.1.1 Required practices for maintenance, service repair or disposal of appliances containing ozone depleting refrigerants pursuant to 40 CFR 82.156 (effective 1/11/05);
  - 1.28.1.2 Standards for recycling and recovery equipment used during the maintenance, service, repair or disposal of appliances containing ozone depleting refrigerants pursuant to 40 CFR 82.158 (effective 9/22/03).
  - 1.28.1.3 Certification requirements for technicians doing maintenance, service, repair or disposal of appliances containing ozone depleting refrigerants pursuant to 40 CFR 82.161 (effective 11/14/94).
- 1.28.2 The Permittee may switch from any ozone-depleting refrigerant to any approved alternative pursuant to the Significant New Alternatives Program (SNAP), 40 CFR Part 82, Subpart G (effective 7/30/92) but shall not switch to any unacceptable substitute listed in the same Section. [CFR 82.174, (effective 1/13/95)]
- 1.28.3 The Permittee shall not willfully release any regulated refrigerant from a motor vehicle air conditioning system, commercial or industrial air conditioning, heating, or refrigeration system and shall use refrigerant extraction equipment to

recover regulated refrigerant when servicing, repairing or disposing of such systems. [RCW 70.94.970, state only, effective 1991].

## **2.0 Permit Specific Terms and Conditions**

As provided in WAC 173-401-630(1) (effective 11/4/93), this section contains compliance certification, testing monitoring, reporting and recordkeeping requirements sufficient to assure compliance with the specified permit limits and/or other specific terms and conditions. The Permittee shall comply with all requirements identified in the Tables contained in this section. All requirements are federally enforceable unless identified as "state only" in the third column by an "X" mark. Contents of the second and fifth columns are provided for information purposes only. The referenced regulation or regulatory order must be consulted/referenced for a more accurate and complete statement of the requirements.

### **2.1 Facility-Wide Requirements**

The Facility-wide requirements in Table 1 below shall apply to all emission units (emission units as defined in WAC 173-400(29), effective 12/29/12 and WAC 173-401-200(12), effective 9/10/11) in the Facility which are not subject to Unit-specific Requirements in Section 2.2 below, and emission units not qualified as Insignificant Emission Units (IEU's). IEU's are defined and discussed in Air Operating Permit Statement of Basis Section 1.4. Except as specified or where applicable, IEU's are not subject to monitoring, recordkeeping, and reporting requirements (MRRR's) pursuant to WAC 173-401-530 (2)(c) (effective 10/17/02).

Facility-wide testing is as required in this section. YRCAA holds and maintains the authority to require source testing as provided in WAC 173-400-105(4) (effective 12/29/12).

**Table 1 Facility-Wide Requirements.**

Item #	Pollutants / Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
1	Visible emissions	WAC 173-400-040(2) (effective 4/1/11)		Maximum opacity of 20%. Opacity shall not exceed 20% for more than three (3) minutes, in any one (1) hour.	EPA Method 9 (40 CFR Part 60, App. A, effective date 11/12/74)	<p>1. General opacity standard for emission units where monitoring is not addressed elsewhere in the permit, the Permittee shall assign operators to conduct once a month visual opacity inspections of each of the emission units in the permitted Facility during daylight hours. Visual inspections shall consist of a visual survey of all stacks and emission points while in operation, to identify those which exhibit opacity greater than zero percent. Whenever visible emissions other than uncombined water are observed or during an inspection, indicated by verifiable complaint, the Permittee shall do either of the following:</p> <ul style="list-style-type: none"> <li>i. Verify and certify that the emission unit causing the emissions, or the emission control device that is associated with the emission unit, is performing its normal designed function and is being operated according to standard procedures, and per the conditions under which no opacity is observed in the past operations. If the equipment or control device is not performing according to design and procedures, the Permittee shall take corrective action to eliminate visible emissions within 24 hours. Corrective actions taken shall not take the place of reporting requirements for deviation or other credible evidence indicating a deviation; or</li> <li>ii. Conduct an opacity evaluation by a certified opacity reader in accordance with 40 CFR 60, Appendix A, Method 9 or Method 22 whichever is applicable (effective 12-23-71). Such opacity evaluation shall be conducted within 24 hours to verify compliance with 20% opacity standard. If opacity is 20% or greater, appropriate and timely action shall be taken, but no later than 24 hours of the observation, to identify and correct the problem causing the opacity. Failure to correct the problem causing the opacity is a violation of this provision. Corrective action taken shall not take the place of any reporting requirements for such deviations.</li> </ul> <p>2. Records of above inspections and/or opacity evaluations shall be maintained and shall contain at least the following:</p> <ul style="list-style-type: none"> <li>i. Date and time of inspection;</li> <li>ii. Stack or emission point identification;</li> <li>iii. Operational status/condition of the associated emission unit;</li> <li>iv. Observed results and conclusions;</li> <li>v. Description of corrective action taken to resolve any observed opacity;</li> <li>vi. Date and time opacity problem is resolved;</li> <li>vii. EPA Method 9 or 22 whichever is applicable (effective 12/23/71) results when opacity evaluation is conducted; and,</li> <li>viii. Name of person(s) performing the inspection, measurement, or monitoring.</li> </ul> <p>These records shall be maintained at the plant site for a five year period from any present time and made available during inspections or when requested by YRCAA. (WAC 173-401-615(1), 10/17/02)</p>
2	Particle fallout	WAC 173-400-040(3) (effective 4/1/11)	X	Prevent nuisance caused by fallout. No person shall cause or permit the emission of PM from any source to be deposited beyond the property under direct control of the		<p>1. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the Facility site for a five year period from any present time of</p>

Item #	Pollutants / Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
				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.		all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include at minimum: i. The time and date of the complaint, ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.), iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure), iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired), and v. What action(s), if any, will be taken and have been taken to reduce the likelihood of future complaints and or resolve the problem. WAC 173-401-615(1)(2) (effective 10/17/02)
3	Fugitive emissions	WAC 173 400-040(4)(a) (effective 4/1/11)		Take reasonable precautions to prevent release and use reasonable and available methods to control fugitive emissions		<p>1. The Permittee shall perform monthly audits of the facility to assure that the minimum precautions and reasonably available control technology are being applied for preventing unreasonable nuisance odors, fugitive emissions, fugitive dust and release of particulate air pollutants from landfill operations, storage, handling, or transporting of materials in the permitted facility. For the purposes of this condition, reasonable precautions shall include, but are not limited to the following:</p> <ul style="list-style-type: none"> <li>i. Keeping all volatile materials in covered containers.</li> <li>ii. Promptly cleaning up all spills.</li> <li>iii. Using a street sweeper on paved roadways and staging areas as necessary to minimize dust accumulation.</li> <li>iv. Spraying water or dust abatement materials on powdery dry back fill areas, storage piles and unpaved roadways as necessary to minimize fugitive dust. (WAC 173-401-615(1) (effective 10/17/02))</li> </ul> <p>2. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the plant site for a five year period of any and all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include:</p> <ul style="list-style-type: none"> <li>i. The time and date of the complaint,</li> <li>ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.),</li> <li>iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure),</li> <li>iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired), and</li> <li>v. What action(s), if any, will be taken to reduce the likelihood of future complaints?</li> </ul> <p>WAC 173-401-615(1)(2) (effective 10/17/02)</p> <p>3. Compliance certification:</p>

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						For the source and for emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this item shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)
4	Odors	WAC 173-400-040(5) (effective 4/1/11)	x	Odors which may unreasonably interfere with other owner's use and enjoyment of property are prohibited unless recognized as good practice and procedures are employed to reduce odors to a reasonable minimum.		<p>1. The Permittee shall perform monthly audits of the facility to assure that the minimum precautions and reasonably available control technology are being applied for preventing unreasonable nuisance odors, fugitive emissions, fugitive dust and release of particulate air pollutants from landfill operations, storage, handling, or transporting of materials in the permitted facility. For the purposes of this condition, reasonable precautions shall include, but are not limited to the following:</p> <ol style="list-style-type: none"> <li>i. Keeping all volatile materials in covered containers.</li> <li>ii. Promptly cleaning up all spills.</li> <li>iii. Using a street sweeper on paved roadways and staging areas as necessary to minimize dust accumulation.</li> <li>iv. Spraying water or dust abatement materials on powdery dry back fill areas, storage piles and unpaved roadways as necessary to minimize fugitive dust. WAC 173-401-615(1) (effective 10/17/02)</li> </ol> <p>2. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the plant site for a five year period of any and all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include:</p> <ol style="list-style-type: none"> <li>i. The time and date of the complaint,</li> <li>ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.),</li> <li>iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure),</li> <li>iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired), and</li> <li>v. What action(s), if any, will be taken to reduce the likelihood of future complaints.</li> </ol> <p>WAC 173-401-615(1)(2) (effective 10/17/02)</p> <p>3. Compliance certification: For the source and for emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this item shall be</p>

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						demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 10/17/02) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 10/17/02)
5	Emissions detrimental to persons or property.	WAC 173-400-040(6) (effective 4/1/11)		No emissions shall be allowed which are detrimental to persons or property from the Facility.		1. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the plant site for a five year period from any present time of all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include at minimum: i. The time and date of the complaint; ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.); iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure); iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired); and v. What action(s), if any, will be taken to reduce the likelihood of future complaints? WAC 173-401-615(1)(2) (effective 10/17/02)
6	Sulfur dioxide	WAC 173-400-040(7) (effective 4/1/11)		Emission less than or equal ( $\leq$ ) 1,000 ppm, dry basis, and for combustion processes, corrected to 7% O <sub>2</sub> , for 60 consecutive minute average.	EPA Method 6 (40CFR Part 60, App. A, effective 10/28/87)	Monitor and keep a log of the monthly permitted usage and composition of any fuel other than natural gas or propane or ULSD. The log shall identify the hours of operation, fuel type, fuel consumption, and fuel sulfur content. For processes using fuel types other than natural gas or propane, the permittee may use fuel supplier information as to sulfur content or use EPA Method 6010, ASTM D4294-98 or equivalent approved test method in calculating SO <sub>2</sub> emissions. SO <sub>2</sub> . WAC 173-401-615(1)(2) (effective 10/17/02).

Item #	Pollutants / Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
7	Concealment and masking	WAC 173-400-040(8) (effective 4/1/11)		No masking materials shall be used. No person shall cause or permit the installation or use of any means which conceals or masks an emission of an air contaminant.		<p>Compliance certification: For the source and for emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)</p>
8	Fugitive dusts	WAC 173-400-040(9)(a) (effective 4/1/11)		Use reasonably available control to prevent fugitive dust emissions.		<p>1. The Permittee shall perform monthly audits of the Facility to assure that precautions and reasonably available control technology are being applied for preventing unreasonable nuisance odors, fugitive emissions, fugitive dust and release of particulate air pollutants from landfill operations, storage, handling, or transporting of materials in the permitted facility. For the purposes of this condition, reasonable precautions shall include, but are not limited to the following:</p> <ul style="list-style-type: none"> <li>i. Keeping all volatile materials in covered containers;</li> <li>ii. Promptly cleaning up all spills;</li> <li>iii. Using a street sweeper on paved roadways and staging areas as necessary to minimize dust accumulation; and</li> <li>iv. Spraying water or dust abatement materials on powdery dry back fill areas, storage piles and unpaved roadways as necessary to minimize fugitive dust.</li> </ul> <p>WAC 173-401-615(1) (effective 11/4/93)</p> <p>2. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the plant site for a five year period from any present time of all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include at minimum:</p> <ul style="list-style-type: none"> <li>i. The time and date of the complaint;</li> <li>ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.);</li> <li>iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure);</li> <li>iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired); and</li> <li>v. What action(s), if any, will be taken to reduce the likelihood of future complaints.</li> </ul> <p>WAC 173-401-615(1)(2) (effective 11/4/93)</p>

Item #	Pollutants / Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
						3. Compliance certification: The Facility and emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)
9	Emission standards: General process units	WAC 173-400-060 (effective 2/10/05)		≤ 0.1 grains per dry standard cubic foot	EPA Method 5 (40CFR Part 60, App. A, effective 6/16/87)	Compliance certification: The Facility and emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)
10	PM <sub>10</sub> Emission Standards from Combustion sources	WAC 173-400-050 (1)(3) (effective 12/29/12)		≤ 0.1 grains per dry standard cubic foot	EPA Method 5 (40CFR Part 60, App. A, effective 6/16/87)	Compliance certification: The Facility and emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility or exceeding any applicable limit during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)
11	Varying air emissions rate according to atmospheric conditions	WAC 173-400-205 (effective 3/22/91)	x	Prohibited except according to air pollution episode requirements.		Compliance certification: For the Facility and for emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)

## 2.2 Unit Specific Requirements

In addition to the facility wide requirements in Table 1, the following specific emission unit/process must also comply with the cited specific requirements as indicated in Table 2 and 3 in this section.

### 2.2.1 SOLID WASTE LANDFILL

**Table 2. Solid Waste Landfill Operation Requirements**

Item #	Pollutants/Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
12	New Source Performance Standard (NSPS)	40 CFR Part 60 §60.11(d) (effective 10/17/00)		Any affected facility shall be operated and maintained at all times consistent with good air pollution control practices for minimizing emissions.		<p>1. The Permittee shall perform monthly audits of the facility to assure that the minimum precautions and reasonably available control technology are being applied for preventing unreasonable nuisance odors, fugitive emissions, fugitive dust and release of particulate air pollutants from landfill operations, storage, handling, or transporting of materials in the permitted facility. For the purposes of this condition, reasonable precautions shall include, but are not limited to the following:</p> <ul style="list-style-type: none"> <li>i. Keeping all volatile materials in covered containers.</li> <li>ii. Promptly cleaning up all spills.</li> <li>iii. Using a street sweeper on paved roadways and staging areas as necessary to minimize dust accumulation.</li> <li>iv. Spraying water or dust abatement materials on powdery dry back fill areas, storage piles and unpaved roadways as necessary to minimize fugitive dust. WAC 173-401-615(1) (effective 11/4/93)</li> </ul> <p>2. The Permittee shall notify YRCAA no later than 72 hours of receipt of any complaints. Receipt of a complaint may be used in conjunction with other material evidence to show a violation but is not necessarily a violation of the applicable requirement. Conversely, absence of complaint may be used in conjunction with other material evidence to show no violation. If and when the source of the complaint represents a potential threat to human health or safety, the Permittee shall take corrective action as soon as possible but in no case later than 2 hours after discovery or any confirmed complain. The Permittee shall maintain a log at the plant site for a five year period from any present time of all complaints received. The log shall be available to YRCAA during inspections or upon request. The log shall include at minimum:</p> <ul style="list-style-type: none"> <li>i. The time and date of the complaint,</li> <li>ii. Who originated the complaint (person, anonymous caller, YRCAA complaint referral, etc.),</li> <li>iii. What actions were taken to determine the cause of the complaint (e.g., an inspection revealed an equipment or control device failure),</li> <li>iv. What action(s) were taken, if any, to remedy the cause of the complaint (e.g., the equipment or control device was repaired), and</li> <li>v. What action(s), if any, will be taken to reduce the likelihood of future complaints? WAC 173-401-615(1) &amp; (2) (effective 11/4/93)</li> </ul> <p>3. Compliance certification: The Facility and any emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall</p>

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						be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 4.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)								
13	New Source Performance Standard (NSPS)	40CFRPart 60, Subpart A, §60.7 (effective 2/12/99)		Recordkeeping and Notification		<p>The Permittee shall furnish the Administrator written notification of activities listed in 40 CFR §60.7(a). The Permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the affected source; any malfunction of the air pollution equipment; or any periods during which a Continuous Monitoring System (CMS) for emissions or monitoring device is inoperative. Each summary report form shall contain the information and be in the format described in 40 CFR §60.7(d). For purposes of this requirement, the Administrator, shall be:</p> <table border="0" data-bbox="1024 690 1984 812"> <tr> <td data-bbox="1024 690 1339 714">Air Pollution Control Officer</td> <td data-bbox="1486 690 1864 714">Regional Administrator, Region 10</td> </tr> <tr> <td data-bbox="1024 722 1417 747">Yakima Regional Clean Air Agency</td> <td data-bbox="1486 722 1984 747">U. S. Environmental Protection Agency, OAQ</td> </tr> <tr> <td data-bbox="1024 755 1207 779">329 N. 1<sup>st</sup> Street</td> <td data-bbox="1486 755 1806 779">1200 Sixth Avenue, Suite 900</td> </tr> <tr> <td data-bbox="1024 787 1255 812">Yakima, WA. 98901</td> <td data-bbox="1486 787 1696 812">Seattle, WA. 98101</td> </tr> </table> <p>(40 CFR Part 60, 7/1/13)</p>	Air Pollution Control Officer	Regional Administrator, Region 10	Yakima Regional Clean Air Agency	U. S. Environmental Protection Agency, OAQ	329 N. 1 <sup>st</sup> Street	1200 Sixth Avenue, Suite 900	Yakima, WA. 98901	Seattle, WA. 98101
Air Pollution Control Officer	Regional Administrator, Region 10													
Yakima Regional Clean Air Agency	U. S. Environmental Protection Agency, OAQ													
329 N. 1 <sup>st</sup> Street	1200 Sixth Avenue, Suite 900													
Yakima, WA. 98901	Seattle, WA. 98101													
14	New Source Performance Standard (NSPS)	40 CFR Part 60 §60.12 (effective 3/8/74)		No owner or operator in the permitted Facility can alter or install equipment or process for the purpose of concealing emissions which would otherwise constitute a violation of any applicable requirements.		<p>Compliance certification: The Facility and any emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this requirement shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)(c)(1) (effective 11/4/93)</p>								
15	New Source Performance Standard (NSPS)	40 CFR Part 60 subpart WWW §60.752(b) (effective		Calculate the Non- Methane Organic Compounds (NMOC) emission rates for the landfill as described in §60.754.	Using 40 CFR Part 60 subpart WWW	1. The first Title 5 permit required the Permittee to collect and analyze landfill gas samples for non-methane organic compounds (NMOC) concentration no later than September 11, 2002 in accordance with the methods prescribed in 40 CFR 60.754(a)(4). The Permittee did another landfill gas sampling and analysis on May 3 to 7 and another sampling was done on June 9 <sup>th</sup> , 2010. The Permittee used the site specific for NMOC to calculate NMOC mass emission rate. The calculated NMOC mass emission rate was less than 50 megagrams per year. The Permittee may either continue to report results annually								

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		4/10/00)			As per procedures in section '60.754(a)	<p>or submit an estimate of the NMOC mass emission rate for the next 5-year period in lieu of the annual report (EPA Model can be used). If the Permittee elects to submit an estimate of the NMOC mass emission rate for the next 5-year period this estimate shall include the current amount of solid waste in place and the estimated waste acceptance rate for each year of the 5-year period for which the NMOC emission rate is estimated. This estimate shall be revised once every 5 years and include a new retest of the site-specific NMOC concentration for every five years. If the actual solid waste acceptance rate exceeds the estimated solid waste acceptance rate in any one year reported in the 5-year estimate, a revised 5-year estimate shall be submitted on or before April 15th of the following year of actual exceedance. The revised estimate shall cover the 5-year period beginning with the year in which the actual solid waste acceptance rate exceeded the estimated solid waste acceptance rate. The NMOC emission rate report shall include all data, calculations, sample reports, and measurements used to estimate the annual or 5-year emissions. Reports shall be submitted to YRCAA and USEPA, at the addresses below within the specified period of the approved protocol of test method pursuant to 40 CFR Part 60 Subpart WWW.</p> <p><b>Air Pollution Control Officer Yakima Regional Clean Air Agency 329 N. 1<sup>st</sup> Street Yakima Yakima, WA. 98901</b>      <b>And, EPA, Region 10 Office of Air, Waste and Toxics 1200 Sixth Avenue, Suite 900 Seattle, WA. 98101</b></p>
16	New Source Performance Standard (NSPS)	40 CFR Part 60 §60.12 (effective 3/8/74)		No operation in the permitted Facility can be altered for the purpose of concealing violation of any applicable requirements.		<p>Compliance certification: The Facility and any emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this condition shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)c)1) (effective 11/4/93)</p>
17	National Emission Standards for Hazardous Pollutants (NESHAP) 40CFR Part	40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154. (effective		No visible emissions to outside air from all asbestos materials which have been deposited to an area designated as asbestos disposal site in the Facility or met paragraph (c) or (d) of		<p>1. For all the asbestos materials deposited on the designated asbestos landfill area in the permitted site, the Permittee is required to comply with the following monitoring, record keeping and reporting requirements:</p> <p>1.1 The Permittee shall maintain asbestos waste shipment records containing the following information:</p> <ul style="list-style-type: none"> <li>i. The name, address, and telephone number of the waste generator and transporter (shipper);</li> <li>ii. The quantity of the asbestos-containing waste material in cubic meters or cubic yards;</li> </ul>

Item #	Pollutants/ Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
	61, Subpart M	01/16/91)		section 61.154. Dust suppression agents not specified in paragraph (c) of § 61.154 may be used upon prior approval by YRCAA and /or EPA administrator.		<ul style="list-style-type: none"> <li>iii. The presence of improperly enclosed or uncovered asbestos-containing waste material not sealed in leak-tight containers. The Permittee shall report in writing to YRCAA by the following working day, the presence of a significant amount of improperly enclosed or uncovered waste. The Permittee must submit a copy of the waste shipment record along with the report; and</li> <li>iv. The date of the receipt.</li> </ul> <ul style="list-style-type: none"> <li>1.2 The Permittee shall send a copy of the signed waste shipment record to the waste generator as soon as possible but no longer than 30 days after receipt of asbestos or asbestos-containing wastes.</li> <li>1.3 The Permittee shall attempt to reconcile with the waste generator any discrepancy between the quantity of waste indicated on the waste shipment records and the quantity actually received. The Permittee must report in writing to YRCAA if the discrepancy is not resolved within 15 days after receiving the waste. The Permittee must submit a copy of the waste shipment record along with the report which describes the discrepancy and attempts to reconcile such waste records.</li> <li>1.4 The Permittee must retain a copy of all records and reports for at least a 2 year period. [40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154(e)(4).]</li> <li>1.5 The Permittee shall maintain, until closure, records of the location, depth and area, and quantity in cubic yards/tons of asbestos-containing waste materials within the disposal site on a map or diagram of the disposal area. [40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154(f).]</li> <li>1.6 The Permittee shall notify YRCAA and the EPA administrator at least 45 days prior to any planned activities which will disturb any asbestos containing waste material that has been deposited on the landfill site and is covered. Any change in the actual excavation start date shall be submitted to YRCAA or EPA Administrator 10 days prior to actual start date and in no event shall excavation be commenced without such notification. Initial notification shall include: <ul style="list-style-type: none"> <li>i. Scheduled excavation starting and completion dates;</li> <li>ii. Reason/s for disturbing the waste;</li> <li>iii. Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. YRCAA or the EPA Administrator may require changes in the emission control procedures to be used; and</li> <li>iv. Location of any temporary storage site and final disposal site of excavated asbestos-containing material.</li> </ul> </li> <li>1.7 The Permittee may maintain a 10-yard sealed drop-box container in a secured area within the landfill facility for temporary storage of small quantities of asbestos materials but for ultimate disposal at the asbestos disposal site. At no time shall the asbestos material be stored in the drop-box container when it is not sealed and located in a secured area. At no time shall there be any spilled asbestos material visible in the immediate vicinity of the secured container.</li> </ul>

Item #	Pollutants/ Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
						[40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154(j).]
18	National Emission Standards for Hazardous Pollutants (NESHAP) 40 CFR Part 61, Subpart M	40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154(b). (effective 01/16/1991)		The Permittee shall install and maintain fencing and warning signs around the areas where asbestos materials have been deposited. Such signs shall be displayed every 330 ft., must be easily legible, with upright format signs (20"x 14") as specified in 29 CFR 1910.145(d)(4) and legend of content, style and size as specified in 40 CFR 61.154(b)(iii). The perimeter of the asbestos disposal site must be fenced to adequately deter public access.		Compliance certification: The Facility and any emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this condition shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)c1) (effective 11/4/93)
19	National Emission Standards for Hazardous	40 CFR Part 61 Subpart M, Asbestos NESHAP,		The Permittee shall use alternative control measures for emissions of deposited asbestos materials only after prior written approval		The Permittee shall use alternative control measures for emissions of deposited asbestos materials only after prior written approval from YRCAA and EPA administrator and according to the procedures in §61.149(c)(2). If and when YRCAA approve an alternative the MRRR will then be specified.

Item #	Pollutants/ Regulatory Citation	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference Test / Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
	Pollutants (NESHAP)	§61.154(d). (effective 01/16/1991)		from YRCAA and EPA administrator and according to the procedures in §61.149(c)(2)		
20	National Emission Standards for Hazardous Pollutants (NESHAP)	40 CFR Part 61 subpart M, Asbestos NESHAP, §61.154(g), (h). (effective 01/16/1991)		The Permittee shall notify YRCAA and the EPA administrator of planned landfill closure and comply with all provisions of §61.151.		Upon closure of the landfill, the Permittee shall submit to YRCAA and EPA Administrator a copy of records of quantities of asbestos and asbestos-containing materials delivered to the landfill site for disposal. Such records shall also include specific locations of all asbestos waste disposal areas in the landfill site. The Permittee shall furnish upon request by YRCAA or the EPA Administrator or authorized representatives during routine inspection, all records maintained in compliance with this requirement. [40 CFR Part 61 subpart M, §61.154(g), (h).]
21	National Emission Standards for Hazardous Pollutants (NESHAP)	40 CFR §61.154(j), (effective 01/16/1991)		Notify YRCAA and EPA in writing at least 45 days prior to excavating or otherwise disturbing any asbestos containing waste material that has been deposited at the site and is covered.		Notification shall include: (1) scheduled starting and completion dates; AND, (2) reason for disturbing waste; AND, (3) emission control procedures to be implemented; AND, (4) location of any temporary storage site and the final disposal site. [40 CFR §61.154(j), 7/1/08]

## 2.2.2 WOOD WASTES AND YARD DEBRIS RECLAIMING AREA and YARD WASTE GRINDING/CHIPPING.

Facility-wide requirements in Table 1 are applicable to wood wastes and yard debris reclaiming area. There are no on-going testing requirements specific to the debris reclaiming area. YRCAA issued a temporary NSR Order of Approval number NRSTP-03-YCPS-9 and NSRPT-05-THLF-10 on December 17, 2012 which is after the effective date of identified in 173-400-36(4)(a). Operational condition and MRRR requirements are as specified in Table 3 below shall applicable whenever grinder/chipper is relocated to the Facility.

**Table 3. Requirements for the Wood Waste Chipper/Grinder**

Item #	Pollutants or Regulatory Citations	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference or Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
22	Visible Emissions	NSR # NSRPT_05_T HLF_10 (issued 12/17/10) Approval Conditions 3.5		No visible emission shall be allowed beyond the property boundary line		Compliance certification: The Facility and any emissions units not otherwise requiring testing, monitoring, recordkeeping, or reporting under this permit, compliance with the requirement(s) associated with this condition shall be demonstrated by submitting certification by the responsible official in accordance with WAC 173-401-520 (effective 11/4/93) stating, if true and correct, that other than required reported deviations, no violation of addressed applicable requirement or violation of specified emissions limit occurred in the permitted facility during the certification period. The certification shall be submitted with the semiannual monitoring report (described in Section 5.0 of this permit). WAC 173-401-630(5)c)1) (effective 11/4/93)
23	Visible Emissions	NSR # NSRPT_05_T HLF_10 Approval Conditions 5.3 (issued 12/17/10)				Visible emissions from the wood waste chipper/grinder engine exhaust discharge as measured in accordance with 40 CFR Part 60, Appendix A, Method 9, shall not exceed an opacity of ten percent (10%). The Permittee shall assign an operator to conduct within two weeks of initial startup of the operation and once every month of operation thereafter. Compliance tests shall be conducted using 40 CFR Part 60, Appendix A, Method 9 by a person possessing a valid Method 9 Visible Emission Evaluation (VEE) certification during daylight hours and such times that the equipment are in operation.
24	Fuel Sulfur Limit Emissions	NSR # NSRPT_05_T HLF_10 Operating Conditions 3.2 (issued 12/17/10)		Diesel Fuel with Sulfur Content of 0.0015 % by weight or less.		Records of ULSD (sulfur content of 0.0015 % by weight or less) must be maintained on site and a copy must be sent to YRCAA with annual certification and emission inventory.
25	Limitation on Schedule of Operation	NSR # NSRPT_05_T		Annual emissions limit on the operation.		The total grinded materials and number of hours the grinder operates shall be recorded daily and maintained on site for this Facility and a copy must be sent to YRCAA at the end of operation. Total emission shall be included with the annual emission inventory of the facility.

Item #	Pollutants or Regulatory Citations	Applicable Requirement	State only	Emission Limit or Brief Description of Requirements	Reference or Compliance Method	Monitoring Reporting Recordkeeping Requirements (MRRR's) WAC 173-401-630(1)
		HLF_10 (issued 12/17/10) Operating Conditions 3.1				Records of ULSD fuel purchase and the quantity shall be recorded and maintained on site and a copy must be sent to YRCAA with annual certification and emission inventory.
26	Operation and Maintenance (O&M)	NSR # NSRPT_05_T HLF_10 (issued 12/17/10) Operating Conditions 3.6 and 3.7		Maintain O&M, update as necessary and implement routinely.		<p>1. The permittee shall develop and maintain an Operations and Maintenance (O&amp;M) Plan based on manufacturer specifications for any and all process and control for this operation. The permittee shall at all times comply with the (O&amp;M) Plan. The Plan shall be based on the wood chipper/grinder manufacturers operations manual or plant operations experience. Whenever any physical modification of the grinder and/or the engine, or any other operating procedures are instituted, the O&amp;M documents shall be updated and any modification shall be implemented to reflect changes.</p> <p>The O&amp;M procedures shall include but not be limited to:</p> <ul style="list-style-type: none"> <li>i. required lubrication of moving parts of the chipper/grinder and ancillary equipment per manufacturer=s recommendation, if any;</li> <li>ii. required chipper/grinder engine scheduled maintenance, i.e., injector calibration, timing check, as recommended by the manufacturer;</li> <li>iii inspection and replacement of ancillary equipment or parts for normal wear and tear as specified by the equipment manufacturer, if any.</li> </ul> <p>2. The O &amp; M and inspections records as well as opacity evaluation records shall be maintained and shall contain the following:</p> <ul style="list-style-type: none"> <li>i) Date and time of inspection.</li> <li>ii) Equipment stack, vent, or other identification.</li> <li>iii) Operational status/condition of the associated equipment.</li> <li>iv) Observed results and conclusions.</li> <li>v) Description of corrective action taken to resolve any observed opacity.</li> <li>vi) Date and time opacity problem is resolved.</li> <li>vii) EPA Method 9 or 22 (effective 12/23/71) results when opacity evaluation is conducted.</li> <li>viii) Name of person(s) performing the inspection, measurement, or monitoring.</li> </ul> <p>These records shall be maintained at the plant site for at least 5 years and be made available during inspections or when requested by YRCAA personnel.</p>

### 3.0 General Monitoring and Recordkeeping Requirements

Unless otherwise specified, recordkeeping shall be sufficient to fulfill the reporting requirements associated with monitoring. If details of Monitoring, Reporting and Recordkeeping are not specified above (i.e., Monitoring Recordkeeping and Reporting column of section 2.0), the Permittee shall provide specific monitoring, reporting and recordkeeping sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit in accordance with WAC 173-401-615(1)(b) (effective 10/17/02). The following MRRR must be maintained at all times:

- 3.1 The Permittee shall keep for at least 5 years up-to-date, readily accessible, on-site records of the design capacity/amended design capacity report, which triggered §60.752(b), the current amount of solid waste in place, and the year-by-year actual waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. [40CFR Part 60, subpart WWW §60.758 (a), effective 3/12/96]
- 3.2 The Permittee shall keep readily accessible documentation of the nature, date of deposition, amount, and location of asbestos-containing or non-degradable waste excluded from gas collection as provided in §60.759 (a)(3)(i) as well as any nonproductive areas excluded from gas collection as provided in §60.759 (a)(3)(ii). [40CFR Part 60, subpart WWW §60.758 (d)(2), effective 3/12/96]
- 3.3 Recordkeeping of Emissions-Related Changes: The Permittee shall provide a record 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 in accordance with WAC 173-401-615(2)(b) (effective 10/17/02).
- 3.4 Records and Monitoring: Upon notification by YRCAA, the Permittee shall keep records on the type and quantity of emissions from the permitted facility and other information deemed necessary to determine compliance to the emission limitations and control measures of this permit. [WAC 173-400-105 (effective 12/29/12)]
- 3.5 Required Recordkeeping for Monitoring: Whenever applicable, records of required monitoring shall include at minimum the following:
  - 3.5.1 Date, place as defined in the permit, and time of sampling or measurement;
  - 3.5.2 Date analyses were performed;
  - 3.5.3 Company or entity performing the analyses;
  - 3.5.4 Analytical methods used;
  - 3.5.5 Results of such analyses, and
  - 3.5.6 Operating conditions existing at the time of sampling or measurement.[WAC 173-401-615(2)(a) (effective 10/17/02)]

- 3.6 Documentation and Monitoring Records on File: The Permittee shall maintain and keep all required records and monitoring data and support information for a period of the past five years from any present date. Supporting information include all calibration and maintenance records, all original strip-chart recordings of continuous monitoring instruments (when required), and copies of all reports required by this permit. All such records shall be made available to the office of the YRCAA director or authorized YRCAA personnel when requested during routine or compliance inspections, or at any time deemed necessary in accordance with the rules and regulation of the FCAA, RCW, WAC and YRCAA regulation 1. [WAC 173-401-615(2)(c), effective 10/17/02]

#### **4.0 General Reporting Requirements**

The following requirements are applicable to the entire Facility and to any specific reporting stipulation as unit specific requirement in Section 2.0, Permit-specific Terms and Conditions.

- 4.1 The Permittee shall submit the design capacity or amended design capacity and report it to the YRCAA and EPA administrator no later than 90 days (of an increase in the maximum design capacity of the landfill to or above 2.5 million megagrams and 2.5 million cubic meters pursuant to §60.757(a((3))).

The initial design capacity or amended design capacity report shall contain the following information:

- 4.1.1 The date(s) of initial construction or any subsequent reconstruction of the landfill.
- 4.1.2 A map or plot of the landfill, providing the size and location of the landfill, and identifying all the areas where solid waste may be landfilled according to the provisions of this Title V permit.
- 4.1.3 The maximum design capacity or amended design capacity of the landfill. A copy of any permit issued to the Permittee which limit the maximum designed capacity of the landfill shall be included in this report. If the maximum design capacity or amended design capacity of the landfill is not specified in any permit, the Permittee must submit appropriate documentation which will demonstrate how such maximum designed capacity is determined.

The Permittee shall submit a report to YRCAA and EPA administrator of any amendment to the operations of the permitted landfill site which result in any increase of the reported maximum designed capacity. The amended designed capacity report shall be submitted within 90 days of the issuance of a new source review permit, or the placement of waste in additional land, or the change in operating procedures which will result in increased maximum design capacity, whichever occurs first.

- 4.2 The Permittee shall submit records generated in Section 3.0, Monitoring and Recordkeeping Requirements as specified in this permit. Such documents shall be provided to YRCAA and EPA Administrator upon request and made available. [40CFR, Part 60,

subpart WWW §60.758 (d)(2), effective 3/12/96]

#### 4.3 Report recipient:

4.3.1 All reports referenced in all reporting requirements shall be addressed to:

Air Pollution Control Officer  
Yakima Regional Clean Air Agency  
329 North 1<sup>st</sup> Street  
Yakima, WA 98901

4.3.2 When specified, in addition to the report recipient in 4.3.1, reports shall also be sent to:

Regional Administrator, Region 10  
U. S. Environmental Protection Agency, OAQ  
1200 Sixth Avenue  
Seattle, WA. 98101

#### 4.4 Emissions Inventory:

The Permittee shall submit, within 105 days of the beginning of each calendar year, an inventory of the emissions from all emission sources/equipment<sup>1]</sup> from the entire Facility on the appropriate forms provided by YRCAA. [WAC 173-400-105(1) (effective 12/29/12)]. Fugitive emissions from generation points shall be quantified as being discharged to emission points.\*

\* All emission sources shall mean to include, but not limited to, all building and fugitive emissions from other sources. All required reports must be certified by a responsible official consistent with WAC 173-401-520 (effective 11/4/93).

#### 4.5 Monitoring Report:

The Permittee shall submit to YRCAA the required monitoring reports at least once every six months. At minimum, reports shall be submitted no later than **October 15<sup>th</sup>** for the first six calendar months (January 1<sup>st</sup> through June 30<sup>th</sup>) and **April 15<sup>th</sup>** for the second six calendar months (July 1<sup>st</sup> through December 31<sup>st</sup>). All instances of deviations from the permit requirements shall be clearly identified in such reports. All required reports must be certified by a responsible official consistent with WAC 173-400-520. One of the semi-annual reports shall be submitted with the annual emissions inventory report. [WAC 173-401-615(3)(a) (effective 10/17/02)]

#### 4.6 Deviation or Noncompliance Report:

The Permittee shall report to the YRCAA any deviation and/or failure to comply with any requirement of this Operating Permit within 30 days after the date of deviation and/or non-compliance. This report shall include probable cause and remedial steps taken by the

Permittee to comply and prevent recurrence of similar incident(s). In case of breakdown or upset conditions which result in exceedance(s) to air emission limits or non-compliance with any requirement of this Permit, the Permittee shall take immediate corrective action. The Permittee shall report the event(s) by the next working day through telephone or fax followed by a written account *within thirty days* of the incident(s). Deviation and/or upset condition considered as unavoidable as defined in WAC 173-400-107 (effective 9/20/93) shall be treated as provided in Condition 16 of Section I (Permit General Terms and Conditions). For any deviations which represent a potential threat to human health or safety, the Permittee must report the deviation as soon as possible, but in no case later than twelve hours after the deviation is discovered. The Permittee shall maintain a contemporaneous record of all deviations. [WAC 173-401-615(3)(b) (effective 10/17/02)]

## 5.0 Compliance Certification

At the end of each calendar year, the Permittee shall evaluate the compliance status of the Facility with the applicable requirements of this Operating Permit. The Compliance Certification for the operation of the permitted Facility must be submitted within 105 days of the beginning of each calendar year, to the EPA and the YRCAA at the following address:

Air Pollution Control Officer  
Yakima Regional Clean Air Agency  
329 N. 1<sup>st</sup> St.  
Yakima, WA. 98901-2303

and,

Regional Administrator, Region 10  
U. S. Environmental Protection Agency, OAQ  
1200 Sixth Avenue  
Seattle, WA. 98101

The Compliance Certification may be submitted on forms provided by YRCAA (when applicable) or at a minimum, must include the following (WAC 173-401-630(5) effective 11/4/93):

- 5.1 The compliance status of the Facility with each of the requirements in Sections 1.0, 2.0, 3.0, 4.0, and 5.0 of this Permit;
- 5.2 The method(s) used for determining how compliance is achieved at the time of the certification and throughout the reporting period; and
- 5.3 Indication that compliance with each of the requirements in Sections 1.0, 2.0, 3.0, 4.0 and 5.0 of this permit is continuous or intermittent. If intermittent, the Permittee must provide a deviation report consistent with the reporting requirements in Section 4.3;

- 5.4 The certificate shall also include a certification that Insignificant Emission Units were operated normally and performed their designed function and that no changes were made during the certification period which would cause emissions increase or violate applicable requirements.

## **6.0 Permit Shield**

### **6.1 Requirements Shielded by Permit Conditions**

Compliance with the conditions of this permit is considered compliance with the applicable requirements indicated in Section 2.1 Table 1 (Overall Facility Requirements), and Section 2.2 Tables 2 and 3 (Unit Specific Requirements) above. [WAC 173-401-640(1) (effective 11/4/93)]

### **6.2 Non-Applicable or Exempt Requirements Covered by the Permit Shield**

The requirements shown in Section 1.6 (Inapplicable Requirements) in the statement of basis have been determined not to apply to the permitted Facility due to either inapplicability of the requirement or the exclusion of the permitted Facility and/or any operations therein from the category of activities subject to the stated requirements. The basis for determination of inapplicability or exemption is indicated with each requirement within the Table 1 section 1.6 statement of basis. This permit shall shield the permitted Facility from requirements specified in Section 1.6 statement of basis unless applicability of the requirement is triggered by any future action which will change applicability conditions or cause emissions to increase. [WAC 173-401-640(2) (effective 11/4/93)]

### **6.3 Permit Shield Limitations**

As provided in WAC 173-401-640(4) (effective 11/4/93), nothing in this permit shall alter or affect the liability of the Permittee for:

- 6.3.1 The provisions of Section 303 of the FCAA (emergency orders), including the authority of the Administrator under that section,
- 6.3.2 The liability of an owner or operator of the permitted Facility for any violation of applicable requirements prior to or at the time of permit issuance,
- 6.3.3 The applicable requirements of the acid rain program, consistent with section 408(a) of the FCAA,
- 6.3.4 The ability of EPA to obtain information from the Permittee pursuant to section 114 of the FCAA, or
- 6.3.5 The ability of the permitting authority to establish or revise requirements for the use of reasonably available control technology (RACT) as provided in chapter 252, Laws of 1993.