



**Greenville
County**

**ADDENDUM #1
Landfill Gas, Air Quality, and Design
Consulting Services
RFP# 89-06/14/16**

ISSUED: June 8, 2016

NOTICE TO VENDORS:

The following revisions, additions, and clarifications are hereby made part of the Contract Documents for the above-referenced project and shall be taken into account in the preparation of all Responders and execution of all Work. Responders shall acknowledge receipt of the Addendum in their response.

- 1. A site visit has been scheduled for 10:00 A.M., E.D.T., June 15, 2016 at Greenville County Twin Chimneys, 11075 Augusta Road, Honea Path, SC 29654.**
- 2. The deadline for submittals has been extended until 3:00 P.M., E.D.T., June 23, 2016.**
- 3. Attachment A, included with this addendum, shall be inserted at the end of the RFP. The attachment contains information on the Title V Operating Permit.**

END OF ADDENDUM

Attachment A



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

April 21, 2016

VIA CERTIFIED MAIL
9214 8969 0099 9790 1404 5188 77

Marcia Papin
Solid Waste Manager
Greenville County – Twin Chimneys Landfill
301 University Ridge, Suite 3800
Greenville, South Carolina 29601

Re: Title V Operating Permit No. TV-1200-0479

Dear Ms. Papin:

Enclosed is your Title V Operating Permit that will become effective on July 1, 2016. Please note the conditions and limitations imposed. This permit will be valid through June 30, 2021, unless otherwise provided for by S.C. Regulation 61-62.70.7.c.1.ii. Until this permit becomes effective, the owner or operator shall operate this facility according to the terms and conditions of the current Air Quality Operating Permit. All reporting and record keeping requirements from the previous permit will remain in force until this permit becomes effective.

Please be advised that this facility's periodic reporting period begins upon the effective date of this permit. This Title V Operating Permit may include several periodic reporting requirements with varying submittal frequencies and due dates. Reports required under the terms and conditions of this permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in this permit.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Michael G. Daugherty of my staff, via e-mail at daughemg@dhec.sc.gov, or call (803) 898-4315, prior to the effective date of this Title V Operating Permit.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, renewal, suspension or revocation of a permit may be appealed by the applicant, permittee, licensee, and/or affected persons. Please see the enclosed "Guide to Board Review" for guidelines on filing an appeal.

Sincerely,

Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:mgd:ob

Enclosure

cc: Title V File: 1200-0479

ec: Sabrina Prince, BEHS
James Purvis, EPA Region 4
Heinz Kaiser, Air Toxics

South Carolina Board of Health and Environmental Control

Guide to Board Review

Pursuant to S.C. Code Ann. § 44-1-60

The decision of the South Carolina Department of Health and Environmental Control (Department) becomes the final agency decision fifteen (15) calendar days after notice of the decision has been mailed to the applicant, permittee, licensee and affected persons who have requested in writing to be notified, unless a written request for final review accompanied by a filing fee in the amount of \$100 is filed with Department by the applicant, permittee, licensee or affected person.

Applicants, permittees, licensees, and affected parties are encouraged to engage in mediation or settlement discussions during the final review process.

If the Board declines in writing to schedule a final review conference, the Department's decision becomes the final agency decision and an applicant, permittee, licensee, or affected person may request a contested case hearing before the Administrative Law Court within thirty (30) calendar days after notice is mailed that the Board declined to hold a final review conference. In matters pertaining to decisions under the South Carolina Mining Act, appeals should be made to the South Carolina Mining Council.

I. Filing of Request for Final Review

1. A written Request for Final Review (RFR) and the required filing fee of one hundred dollars (\$100) must be received by Clerk of the Board within fifteen (15) calendar days after notice of the staff decision has been mailed to the applicant, permittee, licensee, or affected persons. If the 15th day occurs on a weekend or State holiday, the RFR must be received by the Clerk on the next working day. RFRs will not be accepted after 5:00 p.m.
2. RFRs shall be in writing and should include, at a minimum, the following information:
 - The grounds for amending, modifying, or rescinding the staff decision;
 - a statement of any significant issues or factors the Board should consider in deciding how to handle the matter;
 - the relief requested;
 - a copy of the decision for which review is requested; and
 - mailing address, email address, if applicable, and phone number(s) at which the requestor can be contacted.
3. RFRs should be filed in person or by mail at the following address:
South Carolina Board of Health and Environmental Control
Attention: Clerk of the Board
2600 Bull Street
Columbia, South Carolina 29201
Alternatively, RFR's may be filed with the Clerk by facsimile (803-898-3393) or by electronic mail (boardclerk@dhec.sc.gov).
4. The filing fee may be paid by cash, check or credit card and must be received by the 15th day.
5. If there is any perceived discrepancy in compliance with this RFR filing procedure, the Clerk should consult with the Chairman or, if the Chairman is unavailable, the Vice-Chairman. The Chairman or the Vice-Chairman will determine whether the RFR is timely and properly filed and direct the Clerk to (1) process the RFR for consideration by the Board or (2) return the RFR and filing fee to the requestor with a cover letter explaining why the RFR was not timely or properly filed. Processing an RFR for consideration by the Board shall not be interpreted as a waiver of any claim or defense by the agency in subsequent proceedings concerning the RFR.
6. If the RFR will be processed for Board consideration, the Clerk will send an Acknowledgement of RFR to the Requestor and the applicant, permittee, or licensee, if other than the Requestor. All personal and financial identifying information will be redacted from the RFR and accompanying documentation before the RFR is released to the Board, Department staff or the public.
7. If an RFR pertains to an emergency order, the Clerk will, upon receipt, immediately provide a copy of the RFR to all Board members. The Chairman, or in his or her absence, the Vice-Chairman shall based on the circumstances, decide whether to refer the RFR to the RFR Committee for expedited review or to decline in writing to schedule a Final Review Conference. If the Chairman or Vice-Chairman determines review by the RFR Committee is appropriate, the Clerk will forward a copy of the RFR to Department staff and Office of General Counsel. A Department response and RFR Committee review will be provided on an expedited schedule defined by the Chairman or Vice-Chairman.
8. The Clerk will email the RFR to staff and Office of General Counsel and request a Department Response within eight (8) working days. Upon receipt of the Department Response, the Clerk will forward the RFR and Department Response to all Board members for review, and all Board members will confirm receipt of the RFR to the Clerk by email. If a Board member does not confirm receipt of the RFR within a twenty-four (24) hour period, the Clerk will contact the Board member and confirm receipt. If a Board member believes the RFR should be considered by the RFR Committee, he or she will

respond to the Clerk's email within forty-eight (48) hours and will request further review. If no Board member requests further review of the RFR within the forty-eight (48) hour period, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, stating the Board will not hold a Final Review Conference. Contested case guidance will be included within the letter.

NOTE: If the time periods described above end on a weekend or State holiday, the time is automatically extended to 5:00 p.m. on the next business day.

9. If the RFR is to be considered by the RFR Committee, the Clerk will notify the Presiding Member of the RFR Committee and the Chairman that further review is requested by the Board. RFR Committee meetings are open to the public and will be public noticed at least 24 hours in advance.
10. Following RFR Committee or Board consideration of the RFR, if it is determined no Conference will be held, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, stating the Board will not hold a Conference. Contested case guidance will be included within the letter.

II. Final Review Conference Scheduling

1. If a Conference will be held, the Clerk will send a letter by certified mail to the Requestor, with copy by regular mail to the applicant, permittee, or licensee, if not the Requestor, informing the Requestor of the determination.
2. The Clerk will request Department staff provide the Administrative Record.
3. The Clerk will send Notice of Final Review Conference to the parties at least ten (10) days before the Conference. The Conference will be publically noticed and should:
 - include the place, date and time of the Conference;
 - state the presentation times allowed in the Conference;
 - state evidence may be presented at the Conference;
 - if the conference will be held by committee, include a copy of the Chairman's order appointing the committee; and
 - inform the Requestor of his or her right to request a transcript of the proceedings of the Conference prepared at Requestor's expense.
4. If a party requests a transcript of the proceedings of the Conference and agrees to pay all related costs in writing, including costs for the transcript, the Clerk will schedule a court reporter for the Conference.

III. Final Review Conference and Decision

1. The order of presentation in the Conference will, subject to the presiding officer's discretion, be as follows:
 - Department staff will provide an overview of the staff decision and the applicable law to include [10 minutes]:
 - Type of decision (permit, enforcement, etc.) and description of the program.
 - Parties
 - Description of facility/site
 - Applicable statutes and regulations
 - Decision and materials relied upon in the administrative record to support the staff decision.
 - Requestor(s) will state the reasons for protesting the staff decision and may provide evidence to support amending, modifying, or rescinding the staff decision. [15 minutes] *NOTE: The burden of proof is on the Requestor(s)*
 - Rebuttal by Department staff [15 minutes]
 - Rebuttal by Requestor(s) [10 minutes]

Note: Times noted in brackets are for information only and are superseded by times stated in the Notice of Final Review Conference or by the presiding officer.
2. Parties may present evidence during the conference; however, the rules of evidence do not apply.
3. At any time during the conference, the officers conducting the Conference may request additional information and may question the Requestor, the staff, and anyone else providing information at the Conference.
4. The presiding officer, in his or her sole discretion, may allow additional time for presentations and may impose time limits on the Conference.
5. All Conferences are open to the public.
6. The officers may deliberate in closed session.
7. The officers may announce the decision at the conclusion of the Conference or it may be reserved for consideration.
8. The Clerk will mail the written final agency decision (FAD) to parties within 30 days after the Conference. The written decision must explain the basis for the decision and inform the parties of their right to request a contested case hearing before the Administrative Law Court or in matters pertaining to decisions under the South Carolina Mining Act, to request a hearing before the South Carolina Mining Council. The FAD will be sent by certified mail, return receipt requested.
9. Communications may also be sent by electronic mail, in addition to the forms stated herein, when electronic mail addresses are provided to the Clerk.

The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.



Office of Environmental Quality Control Bureau of Air Quality Title V Operating Permit

Greenville County - Twin Chimneys Landfill
11075 Augusta Road
Honea Path, South Carolina 29654
Greenville County

In accordance with the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), the 1976 *Code of Laws of South Carolina*, as amended, and *South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards*, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on September 23, 2014, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number: TV-1200-0479

Issue Date:	April 21, 2016	Effective Date:	July 1, 2016
Renewal Due Date:	December 31, 2020	Expiration Date:	June 30, 2021

Director, Engineering Services Division
Bureau of Air Quality

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RECORD OF REVISIONS		
Date	Type	Description of Change

- AA Administrative Amendment
- MM Minor Modification
- SM Significant Modification

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A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Municipal Solid Waste Landfill consisting of Unit 1, and Units 3-7 (30,966,712 cubic meters)
02	VOID - Grinding Process (60tph - 400hp Tub Grinder) Portable March 2015

B EQUIPMENT AND CONTROL DEVICE

B.1 EQUIPMENT FOR EMISSION UNIT ID 01 – MSW Landfill

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
MSW 01	MSW 01 With Landfill Gas Collection System (3,918,047 cubic meters)	February 2007	FL01	S-1
MSW 03	MSW 03 (59,567 cubic meters)	Estimated Waste Acceptance Date 2054	N/A	N/A
MSW 04	MSW 04 (12,769,036 cubic meters)	Estimated Waste Acceptance Date 2019	N/A	N/A
MSW 05	MSW 05 (12,981,807 cubic meters)	Estimated Waste Acceptance Date 2069	N/A	N/A
MSW 06	MSW 06 (3,626,506 cubic meters)	Estimated Waste Acceptance Date 2084	N/A	N/A
MSW 07	MSW 07 (2,174,256 cubic meters)	Estimated Waste Acceptance Date July 2091	N/A	N/A
CS01	Landfill Gas Collection System For MSW01	April 28, 2014	FL01	S-1

B.2 CONTROL DEVICE(S) FOR EMISSION UNIT ID 01 – MSW Landfill

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
FL01	CMI Energy 1500-scfm candlestick flare	2014	NMOC, VOC, &HAPs

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.1	<p>Emission Unit ID: All</p> <p>Equipment/Control Device ID: All</p> <p>Equipment capacities provided under the Equipment Description column of the Equipment Tables above are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.</p>
C.2	<p>Emission Unit ID: All</p> <p>Equipment/Control Device ID: All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.3	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: CS01 & FL-01</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer's specifications or good engineering practices. The owner or operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.</p>
C.4	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: CS01 & FL-01</p> <p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.5	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: MSW-01, MSW-03, MSW-04, MSW-05, MSW-06, & MSW-07</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.</p> <p>The owner/operator shall perform a visual inspection on a semiannual basis. Visual inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and correction action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so.</p>
C.6	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: MSW-01, MSW-03, MSW-04, MSW-05, MSW-06, & MSW-07</p> <p>(S.C. Regulation 61-62.5, Standard No. 4, Section X) All non-enclosed operations shall be conducted in such a manner that a minimum of particulate matter becomes airborne. In no case shall established ambient air quality standards be exceeded at or beyond the property line. The owner/operator of all such operations shall maintain dust control on the premises and any roadway owned or controlled by the owner/operator by paving or other suitable measures. Oil treatment is prohibited.</p>
C.7	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: MSW-01, MSW-03, MSW-04, MSW-05, MSW-06, & MSW-07</p> <p>Fugitive particulate matter (PM) emissions from material handling, process equipment, control equipment, or storage piles will be minimized to the maximum extent possible. This will include proper maintenance of the control system such as scheduled inspections, replacement of damaged or worn parts, etc. Fugitive emissions from dust buildup will be controlled by proper housekeeping and/or wet suppression.</p>
C.8	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: FL01</p> <p>The landfill flare shall be maintained in an operable status and maybe used as a voluntary control device until such time as the landfill's NMOC emissions reach the applicable threshold and requirements as set by 40CFR 60 Subpart WWW and 40CFR 63 Subpart AAAA.</p>
C.9	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: FL01</p> <p>In accordance with SC Regulation 61-62.5, Standard No. 3(III)(I)(1) – Visible Emissions from the flare shall not exceed an</p>

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition										
	<p>opacity greater than 20%.</p> <p>The flare is permitted to burn only landfill gas and propane. The owner/operator shall record and maintain records of the amount of fuels combusted by the flare.</p>										
C.10	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: FL01</p> <p>In accordance with SC Regulation 61-62.5, Standard No. 3(III)(1)(2)-particulate matter emissions from the flare shall not exceed 0.5 lb/10⁶ Btu total heat input. The total heat input value from waste and virgin fuel used for production shall not exceed the BTU's used to affect the combustion of the waste and shall not include any BTU input from auxiliary burners located outside of the primary combustion chamber such as those found in secondary combustion chambers, tertiary combustion chambers or afterburners unless those auxiliary burners are fired with waste. In the case where waste is fired in the auxiliary burners located outside of the primary combustion chamber, only the BTU value of the fuel for the auxiliary burner which is from waste shall be added to the total heat input value.</p> <p>The owner/operator shall maintain a flare alarm that shall notify the flare operator when a flare is out of service. In the event of a flare alarm the owner or operator attempt to restore operation of the flare to its normal and usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The date and time of an alarm occurrence shall be recorded and maintained on site. The flare shall be in place and operational whenever processes controlled by the flare are running, except during periods of flare malfunction, mechanical failure, or other incidents documented by the owner.</p> <p>The owner or operator shall prepare an operation and maintenance plan within 180 days after the initial start up of the flare and gas collection system. The operation and maintenance plan shall include flare and gas collection system start-up, shut-down and malfunction provisions. The operation and maintenance plan shall also include flare and gas collection system monitoring and maintenance provisions as indicated in the Table below. The start-up, shut-down malfunction provisions and the inspections and maintenance activities shall be performed according to manufacturer and engineering design recommendations. Monitoring, maintenance, and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. If any problems are found during an inspection or maintenance, then the problem(s) and corrective action(s) taken shall be reported semi-annually. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <table border="1" data-bbox="483 1528 1300 1824"> <thead> <tr> <th colspan="2" data-bbox="483 1528 1300 1633">Monitoring and Maintenance for the Flare and Gas Collection System</th> </tr> <tr> <th data-bbox="483 1633 915 1696">Inspection, Calibration or Maintenance</th> <th data-bbox="915 1633 1300 1696">Monitoring Frequency</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 1696 915 1734">Start-Up, Shut-Down Malfunction Plan</td> <td data-bbox="915 1696 1300 1734">As Necessary</td> </tr> <tr> <td data-bbox="483 1734 915 1793">Gas Monitoring Equipment Calibrations</td> <td data-bbox="915 1734 1300 1793">As Necessary</td> </tr> <tr> <td data-bbox="483 1793 915 1824">Flare Component Inspections</td> <td data-bbox="915 1793 1300 1824">Monthly</td> </tr> </tbody> </table>	Monitoring and Maintenance for the Flare and Gas Collection System		Inspection, Calibration or Maintenance	Monitoring Frequency	Start-Up, Shut-Down Malfunction Plan	As Necessary	Gas Monitoring Equipment Calibrations	As Necessary	Flare Component Inspections	Monthly
Monitoring and Maintenance for the Flare and Gas Collection System											
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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition										
	<table border="1"> <tr> <td data-bbox="496 443 933 506">Flare Process Gas Concentration Monitoring</td> <td data-bbox="933 443 1318 506">Monthly</td> </tr> <tr> <td data-bbox="496 506 933 541">Flare Maintenance</td> <td data-bbox="933 506 1318 541">Quarterly</td> </tr> <tr> <td data-bbox="496 541 933 604">Flare Visual Inspections</td> <td data-bbox="933 541 1318 604">Weekly (when in flare is in use)</td> </tr> <tr> <td data-bbox="496 604 933 640">Condensate Pump Monitoring</td> <td data-bbox="933 604 1318 640">Monthly</td> </tr> <tr> <td data-bbox="496 640 933 676">Condensate Pump Maintenance</td> <td data-bbox="933 640 1318 676">Quarterly</td> </tr> </table>	Flare Process Gas Concentration Monitoring	Monthly	Flare Maintenance	Quarterly	Flare Visual Inspections	Weekly (when in flare is in use)	Condensate Pump Monitoring	Monthly	Condensate Pump Maintenance	Quarterly
Flare Process Gas Concentration Monitoring	Monthly										
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Condensate Pump Maintenance	Quarterly										
C.11	<p>Emission Unit ID: 01</p> <p>Equipment/Control Device ID: MSW-01, MSW-03, MSW-04, MSW-05, MSW-06, & MSW-07</p> <p>In accordance with 60.752 the owner or operator shall calculate the NMOC emission rate. If the calculated emission rate is less than 50 megagrams per year the owner or operator shall comply with 60.752 (b)(1). If the calculated emission rates is greater than 50 megagrams per year the owner or operator shall comply with 60.752 (b)(2).</p> <p>In accordance with 40CFR 60.752(b)(1) If the calculated NMOC emission rate is less than 50 megagrams per year, the owner or operator shall:</p> <ol style="list-style-type: none"> 1. (b)(1)(i) Submit an annual emission report to the Administrator, except as provided for in <u>§60.757(b)(1)(ii)</u>; 2. (b)(1)(ii) Recalculate the NMOC emission rate annually using the procedures specified in <u>§60.754(a)(1)</u> until such time as the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, or the landfill is closed. 3. (b)(1)(ii)(A) If the NMOC emission rate, upon recalculation required in paragraph (b)(1)(ii) of this section, is equal to or greater than 50 megagrams per year, the owner or operator shall install a collection and control system in compliance with paragraph (b)(2) of this section. 4. (b)(1)(ii)(B) If the landfill is permanently closed, a closure notification shall be submitted to the Administrator as provided for in <u>§60.757(d)</u>. <p>In accordance with 40CFR 60.752(d) When a MSW landfill subject to this subpart is closed, the owner or operator is no longer subject to the requirement to maintain an operating permit under part 70 or 71 of this chapter for the landfill if the landfill is not otherwise subject to the requirements of either part 70 or 71 and if either of the following conditions are met:</p> <ol style="list-style-type: none"> 1. (d)(1) The landfill was never subject to the requirement for a control system under paragraph (b)(2) of this section; or 2. (d)(2) The owner or operator meets the conditions for control system removal specified in paragraph (b)(2)(v) of this section. <p>In accordance with 40CFR 60.757(b) Each owner or operator subject to the requirements of this subpart shall submit an NMOC emission rate report to the Administrator initially and annually thereafter, except as provided for in paragraphs (b)(1)(ii) of this section. The Administrator may request such additional information as may be necessary to verify the</p>										

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>reported NMOC emission rate.</p> <p>1. (b)(1)(ii) If the estimated NMOC emission rate as reported in the annual report to the Administrator is less than 50 megagrams per year in each of the next 5 consecutive years, the owner or operator may elect to submit an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report. This estimate shall include the current amount of solid waste-in-place and the estimated waste acceptance rate for each year of the 5 years for which an NMOC emission rate is estimated. All data and calculations upon which this estimate is based shall be provided to the Administrator. This estimate shall be revised at least once every 5 years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the 5-year estimate, a revised 5-year estimate shall be submitted to the Administrator. The revised estimate shall cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.</p> <p>In accordance with 40CFR 60.758(a) Except as provided in §60.752(b)(2)(i)(B), each owner or operator of an MSW landfill subject to the provisions of §60.752(b) shall keep for at least 5 years up-to-date, readily accessible, on-site records of the design capacity report which triggered §60.752(b); the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.</p>

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Generators see note 3 and 4)	N/A	N/A	N/A

1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with 40 CFR Part 63.10.a.5. This request may be made 1 year after the compliance date for the associated MACT standard.
3. Emergency generators are not required to submit reports unless they meet the criteria under 63.6650(h) and must submit reports annually. Only non-emergency engines are required to submit semi annual reports.
4. Emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

E. NESHAP - CONDITIONS

Condition Number	Condition
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.

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E. NESHAP - CONDITIONS

Condition Number	Condition
E.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address: <p align="center">US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street SW Atlanta, GA 30303</p>
E.3	Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following: New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).

F. COMPLIANCE SCHEDULE

Condition Number	Conditions
F.1	N/A

G. PERMIT SHIELD

Condition Number	Condition
G.1	(S.C. Regulation 61-62.70.6.f) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment – Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table.
	Permit Shield Exceptions
	SC Regulation 61-62.5, Standard No. 7, Prevention of Significant Deterioration
	SC Regulation 61-62.5, Standard No. 7.1, Nonattainment New Source Review
	SC Regulation 61-62.61 All Subparts
	40 CFR 61 All Subparts
	SC Regulation 61-62.63 All Subparts
	40 CFR 63 All Subparts
	SC Regulation 61-62.61 Subpart M, National Emission Standard for Asbestos

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G. PERMIT SHIELD

Condition Number	Condition
	Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408.a of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7.e.2), group processing of minor permit modifications (S.C. Regulation 61-62.70.7.e.3), or operational flexibility (S.C. Regulation 61-62.70.7.e.5.i), except as specified in S.C. Regulation 61-62.70.7.e.5.iii.

H. PERMIT FLEXIBILITY

Condition Number	Conditions
H.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Condition
I.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>

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J. TITLE V PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March	April 30 th
	April-June	July 30 th
	July-September	October 30 th
	October-December	January 30 th
Semiannual	January-June	July 30 th
	April-September	October 30 th
	July-December	January 30 th
	October-March	April 30 th

Note: This reporting schedule does not supersede any Federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.

K. TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December	February 14 th
	April-March	May 15 th
	July-June	August 14 th
	October-September	November 14 th

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.2	<p>All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address:</p> <p align="center">2600 Bull Street Columbia, SC 29201</p> <p>The contact information for the local EQC Regional office can be found at: http://www.scdhec.gov</p>
L.3	<p>Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality.</p>
L.4	<p>All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality.</p> <p align="center">US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303</p>
L.5	<p>(S.C. Regulation 61-62.70.6.a.3.ii) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none"> 1. Records of required monitoring information shall include the following: <ol style="list-style-type: none"> a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
L.6	<p>In accordance with S.C. Regulation 61-62.1, Section II.J, for sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the Department's local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence.</p> <p>The owner or operator shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ) and shall include, at a minimum, the following:</p> <ol style="list-style-type: none"> 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions; 6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction; 7. The steps taken to limit the excess emissions; and, 8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.7	(S.C. Regulation 61-62.70.6.c.5.iii) The responsible official shall certify, annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6.c. The compliance certification shall include the following: 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period. 3. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6.c.5.iii.B. The certification shall identify each deviation and take it into account in the compliance certification. 4. Such other facts as the Department may require to determine the compliance status of the source.
L.8	(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Engineering Services a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

M. GENERAL FACILITY WIDE

Condition Number	Condition
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.6	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
M.7	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
M.8	(S.C. Regulation 61-62.70.6.a.5) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.
M.9	(S.C. Regulation 61-62.70.6.a.6.i) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
M.10	(S.C. Regulation 61-62.70.6.a.6.ii) It shall not be a defense for an owner or operator in an enforcement action that it

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M. GENERAL FACILITY WIDE

Condition Number	Condition
	would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
M.11	(S.C. Regulation 61-62.70.6.a.6.iii) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator 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.
M.12	(S.C. Regulation 61-62.70.6.a.6.iv) The permit does not convey any property rights of any sort, or any exclusive privilege.
M.13	(S.C. Regulation 61-62.70.6.a.6.v) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department 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. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
M.14	(S.C. Regulation 61-62.70.6.a.8) No permit revision shall be 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.
M.15	(S.C. Regulation 61-62.70.6.c.2) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: <ol style="list-style-type: none"> 1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
M.16	(S.C. Regulation 61-62.70.6.g) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6.g.1, the owner or operator shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: <ol style="list-style-type: none"> 1. An emergency occurred and that the owner or operator can identify the cause(s) of the emergency; 2. The permitted facility was at the time being properly operated; and 3. During the period of the emergency the owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and 4. The owner or operator shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6.a.3.iii.B. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.</p>
M.17	(S.C. Regulation 61-62.70.6.a.1.ii) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.
M.18	(S.C. Regulation 61-62.70.6.a.4) According to S.C. Regulation 61-62.70.6.a.4, the owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other

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M. GENERAL FACILITY WIDE

Condition Number	Condition
	applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
M.19	(S.C. Regulation 61-62.70.7.c.1.ii) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5.a.1.iii, 62.70.5.a.2.iv, and 62.70.7.b. In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6.f shall remain in effect until the renewal permit has been issued or denied.
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
M.21	(S.C. Regulation 61-62.70.6.a.7) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section, Bureau of Air Quality. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
M.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.B.2.g.

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead
S-1-candlestick flare	--	--	--	2.16	--	--
MSW Landfill	1.44	--	--	--	--	--
Leachate System	--	--	--	--	--	--
Tub Grinder	1.75	--	--	--	--	--
Road 1	0.0411	--	--	--	--	--
Road 2	0.0411	--	--	--	--	--
Road 3	0.0411	--	--	--	--	--
Road 4	0.0411	--	--	--	--	--
Road 5	0.0411	--	--	--	--	--
Road 6	0.0411	--	--	--	--	--
Road 7	0.0411	--	--	--	--	--
Road 8	0.0411	--	--	--	--	--
Road 9	0.0411	--	--	--	--	--
Road 10	0.0411	--	--	--	--	--
Road 11	0.0411	--	--	--	--	--
Road 12	0.0411	--	--	--	--	--
Road 13	0.0411	--	--	--	--	--
Road 14	0.0411	--	--	--	--	--
Road 15	0.0411	--	--	--	--	--
Road 16	0.0411	--	--	--	--	--
Road 17	0.0411	--	--	--	--	--
Road 18	0.0411	--	--	--	--	--
Road 19	0.0411	--	--	--	--	--
Road 20	0.0411	--	--	--	--	--
Road 21	0.0411	--	--	--	--	--
Road 22	0.0411	--	--	--	--	--
Road 23	0.0411	--	--	--	--	--
Road 24	0.0411	--	--	--	--	--
Road 25	0.0411	--	--	--	--	--
Road 26	0.0411	--	--	--	--	--
Road 27	0.0411	--	--	--	--	--
Road 28	0.0411	--	--	--	--	--

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AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
Road 29	0.0411	--	--	--	--	--
Road 30	0.0411	--	--	--	--	--
Road 31	0.0411	--	--	--	--	--
Road 32	0.0411	--	--	--	--	--
Road 33	0.0411	--	--	--	--	--
Road 34	0.0411	--	--	--	--	--
Road 35	0.0411	--	--	--	--	--
Road 36	0.0411	--	--	--	--	--
Road 37	0.0411	--	--	--	--	--
Road 38	0.0411	--	--	--	--	--
Road 39	0.0411	--	--	--	--	--
Road 40	0.0411	--	--	--	--	--
Road 41	0.0411	--	--	--	--	--
Road 42	0.0411	--	--	--	--	--
Road 43	0.0411	--	--	--	--	--
Road 44	0.0411	--	--	--	--	--
Road 45	0.0411	--	--	--	--	--
Road 46	0.0411	--	--	--	--	--
Road 47	0.0411	--	--	--	--	--
Road 48	0.0411	--	--	--	--	--
Road 49	0.0411	--	--	--	--	--
Road 50	0.0411	--	--	--	--	--
Road 51	0.0411	--	--	--	--	--
Road 52	0.0411	--	--	--	--	--
Road 53	0.0411	--	--	--	--	--
Road 54	0.0411	--	--	--	--	--
Road 55	0.0411	--	--	--	--	--
Road 56	0.0411	--	--	--	--	--
Road 57	0.344	--	--	--	--	--
Road 58	0.344	--	--	--	--	--
Road 59	0.344	--	--	--	--	--
Road 60	0.344	--	--	--	--	--
Road 61	0.344	--	--	--	--	--
Road 62	0.344	--	--	--	--	--
FACILITY TOTAL	7.5556	--	--	2.16	--	--

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TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Cumene (Isopropyl- benzene) 98-82-8	Ethanethiol (Ethyl Mercaptan) 75-08-1	Hydrochloric Acid 7647-01-0	Hydrogen Sulfide 7783-06-4	Methyl Mercaptan 74-93-1
F1-flare	0.000296	0.000075	0.977	0.00625	0.000378
MSW Landfill	0.00494	0.00118	--	0.104	0.0063
Leachate System	--	0.0110	--	0.1691	0.0119

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Vinyl Chloride 75-01-4				
F1-flare	0.000509				
MSW Landfill	0.00848				
Leachate System	0.0349				

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Carbonyl Sulfide	463-57-1	1.463
Carbon Tetrachloride	56-23-5	0.030
Chlorobenzene	108-90-7	1.373
Chloroform	67-66-3	0.175
Dichlorobenzene	106-46-7	1.499
Ethylbenzene	100-41-4	23.866
Ethyl Chloride	75-00-3	4.152
Ethylene Dichloride	107-06-2	1.986
Ethylidene Dichloride	107-06-2	11.621
Ethylene Dibromide	106-93-4	0.009
Mercury	7439-97-6	0.003
Methylene Chloride	75-09-2	58.469
Methyl Ethyl Ketone	78-93-3	25.280
Methyl Isobutyl Ketone	108-10-1	9.309
Propylene Dichloride	78-87-5	0.993
Tetrachoroethylene (Perchloroethylene)	127-18-4	29.751
1,1,1-Trichloroethane	71-55-6	3.115

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Trichloroethene	79-01-6	17.907
Vinylidene Chloride	75-35-4	0.949

Attachment - Applicable and Non-Applicable Federal and State Regulations

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The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable (Yes / No)
40 CFR 60, Subpart A	Standards of performance for New Stationary Sources – General Provisions	Yes
40 CFR 60, Subpart WWW	Standards of performance for Municipal Solid Waste Landfills	Yes
40 CFR 63, Subpart A	National Emission Standards for Hazardous Air Pollutants – General Provisions	Yes
40 CFR 63, Subpart AAAA	National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills	Yes