

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 10, 2016

MS ELICIA SANCHEZ
SR VICE PRESIDENT GENERAL MANAGER
WASTE CONTROL SPECIALISTS LLC
PO BOX 1129
ANDREWS TX 79714-1129

Re: Permit Renewal
Permit Number: 72653
Expiration Date: June 10, 2026
Waste Control Specialists LLC
Commercial Waste Management Facility
Andrews, Andrews County
Regulated Entity Number: RN101702439
Customer Reference Number: CN600616890
Account Number: AB-0164-V

Dear Ms. Sanchez:

This is in response to your application Form PI-1R (General Application for Air Permit Renewals) concerning the proposed renewal of Permit Number 72653. Also, this will acknowledge that your application for the above-referenced renewal is technically complete as of June 2, 2016.

In accordance with Title 30 Texas Administrative Code Section 116.314(a), and based on our review, Permit Number 72653 is hereby renewed. In addition, with this permitting action, Permit by Rule Registration Numbers 86421 and 42916 has been voided. Enclosed are new general conditions (permit face), special conditions, and a maximum allowable emission rates table. We appreciate your careful review of the special conditions of the permit and assuring that all requirements are consistently met. This permit will be in effect for ten years from the date of approval (Commission's final decision). If this permit is appealed and the permittee does not commence any action authorized by this permit during judicial review, the term will not begin until judicial review is concluded.

You may file a **motion to overturn** with the Chief Clerk. A motion to overturn is a request for the commission to review the executive director's decision. Any motion must explain why the commission should review the executive director's decision. According to 30 TAC Section 50.139, an action by the executive director is not affected by a motion to overturn filed under this section unless expressly ordered by the commission.

A motion to overturn must be received by the Chief Clerk within 23 days after the date of this letter. An original and 7 copies of a motion must be filed with the Chief Clerk in person, or by

Ms. Elicia Sanchez
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Re: Permit Number: 72653

mail to the Chief Clerk's address on the attached mailing list. On the same day the motion is transmitted to the Chief Clerk, please provide copies to the applicant, the executive director's attorney, and the Public Interest Counsel at the addresses listed on the attached mailing list. If a motion to overturn is not acted on by the commission within 45 days after the date of this letter, then the motion shall be deemed overruled.

You may also request **judicial review** of the executive director's approval. According to Texas Health and Safety Code Section 382.032, a person affected by the executive director's approval must file a petition appealing the executive director's approval in Travis County district court within 30 days after the **effective date of the approval**. Even if you request judicial review, you still must exhaust your administrative remedies, which includes filing a motion to overturn in accordance with the previous paragraphs.

You are reminded that these facilities must be in compliance with all rules and regulations of the Texas Commission on Environmental Quality (TCEQ) and of the U.S. Environmental Protection Agency at all times.

If you need further information or have any questions, please contact Mr. Alex Liu at (512) 239-1362 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

MPW/al

Enclosures

cc: Air Section Manager, Region 7 - Midland

Project Number: 232157



Texas Commission on Environmental Quality Air Quality Permit

A Permit Is Hereby Issued To
Waste Control Specialists LLC
Authorizing the Continued Operation of
Commercial Waste Management Facility
Located at Andrews, Andrews County, Texas
Latitude 32° 25' 42" Longitude -103° 3' 52"

Permit: 72653

Issuance Date: June 10, 2016

Expiration Date: June 10, 2026

A handwritten signature in black ink, appearing to read "R. D. A. H. H. H.", written over a horizontal line.

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code (TAC) Section 116.116 (30 TAC § 116.116)]¹
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.115(b)(2)(B)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling

facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)]¹
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC § 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC § 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) § 382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.¹

¹ Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Special Conditions

Permit Number 72653

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.

Operational Limitations

2. Small containers (e.g., drums, totes, etc.) may be opened for sampling, inspection, or spot solidification provided that the total capacity of small containers opened in an hour does not exceed 1,100 gallons and the total capacity of small containers opened in any 12-month period does not exceed 1,144,000 gallons. Large containers of bulk solid waste (e.g., roll-off bins, gondolas, intermodals, etc) may be opened for sampling, inspection, or spot-solidification provided that the total number of containers opened during any hour does not exceed 35 and the total number of containers opened during any 12-month period does not exceed 41,060. These limits apply only to waste containing organic compounds, including volatile organic compounds (VOCs) and non-VOCs.
3. Waste containing organic compounds, including VOCs and non-VOCs, may not be stored in more than 108 tarped bins simultaneously throughout the facility. Tarped bins used to store wastes containing organic compounds shall be covered with a tarp and tightly secured at the edges with elastic. This limitation does not apply to bulk containers that do not store waste containing organic compounds or bulk containers that are designed to be vapor-tight (e.g., vacuum boxes) and are kept completely sealed during storage.
4. Waste streams received in bulk and in small containers may be accepted without further evaluation if the total VOC content does not exceed 20 percent by weight and the specific compound limitations below are not exceeded. In order to accept and process waste streams with a VOC content greater than 20 percent by weight, the permittee shall calculate the potential emission rate of all VOCs and determine acceptability in accordance with the procedures in Special Condition No. 5. The annual average VOC content of waste streams received in bulk and in small containers may not exceed 1 percent by weight. Organic compounds that have a vapor pressure less than 0.01 mmHg at 104 degrees Fahrenheit are not considered air contaminants and are exempt from these limitations and are not considered air contaminants. In addition, wastes that, aside from initial sampling and inspection, remain stored in completely sealed containers without being transferred to other containers, processed or landfilled, are also exempt from these limitations. Specific compound limitations are:
 - A. Benzene - 15 percent by weight
 - B. Chloroform - 13 percent by weight
 - C. 1,1-Dichloroethylene - 3 percent by weight
 - D. Beryllium - 1.7 percent by weight

5. In order to determine acceptability of waste streams with a total organic compound concentration greater than 20 percent by weight, the following procedure must be followed:
 - A. Prepare a list of the organic compounds, including VOCs and non-VOCs, in the waste and determine the vapor pressure of each constituent organic at 104 degrees Fahrenheit.
 - B. Eliminate any organic constituents with a vapor pressure less than 0.01 mmHg at 104 degrees Fahrenheit from further review.
 - C. Calculate emissions of organic compounds, including VOCs and non-VOCs, for each applicable emission point and compare to the VOC allowable on the maximum allowable emission rate table. If the emissions of organic compounds are below the permit allowable, the waste is acceptable from an emissions standpoint, but must be evaluated in accordance with Special Condition No. 6 below. If the constituent organic compounds in the waste stream meet the requirements of Special Condition No. 6, the waste is acceptable from an impacts standpoint and may be processed. If the requirements of Special Condition No. 6 are not met, then the waste stream is not acceptable and may not be processed further. It may only be stored in a sealed container as described in Special Condition No. 4.
6. Emission increases of chemicals addressed in the air dispersion modeling analysis dated April 8, 2005, and March 2009, can be approved through the use of the procedure below or through permit amendment. New chemicals may be added through the use of the procedure below, Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106) (Permits by Rule), or 30 TAC Chapter 116 (Control of Air Pollution by Permits for New Construction or Modification). Emission increases of criteria pollutants listed in the maximum allowable emission rate table (MAERT) may be approved through Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106 - Permits by Rule), or 30 TAC Chapter 116 (Control of Air Pollution by Permits for New Construction or Modification). The procedure below may not be used for any compounds listed on the Toxicology Emissions Screening List in Appendix B of APDG 5874, Modeling and Effects Review Applicability dated August 2008.
 - A. Short-term (pounds per hour [lb/hr]) and annual tons per year (tpy) emissions and calculations shall be completed for each chemical at each affected source. Emission Rates (ERs) shall be calculated in accordance with the methods used to establish ERs documented in the permit amendment application dated August 2008, and subsequent revised permit amendment application dated March 2009.
 - B. The Effects Screening Level (ESL) for a new chemical shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Division. A record of each ESL obtained by written request shall be kept on file by the applicant.
 - C. The total emissions of any chemical from all emission points in this permit must satisfy one of the following conditions:

- (1) The total maximum emission rate from all sources is less than 0.04 lb/hr and the ESL is greater than 2 $\mu\text{g}/\text{m}^3$.
- (2) Using the results from the total organic compounds, including VOCs and non-VOCs, total particulate matter (PM), or unit impact modeling submitted with the permit amendment application (air dispersion modeling report dated March 2009, and the calculated emission rates at all emission points for the chemical, determine:

1-hr GLC_{max} and 1-hr GLC_{ni} , and verify that:

$$1\text{-hr } \text{GLC}_{\text{max}} \leq 10 \times \text{ESL}_{\text{short}}$$

$$\text{annual exceedances of } 2 \times \text{ESL}_{\text{short}} < 24 \text{ and } 4 \times \text{ESL}_{\text{short}} < 10$$

$$1\text{-hr } \text{GLC}_{\text{ni}} \leq 2 \times \text{ESL}_{\text{short}}$$

$$\text{annual exceedances of } \text{ESL}_{\text{short}} < 24.$$

determine annual GLC_{max} and annual GLC_{ni} and verify that:

$$\text{annual } \text{GLC}_{\text{max}} \text{ and annual } \text{GLC}_{\text{ni}} \leq \text{ESL}_{\text{long}}.$$

Where GLC_{max} is the maximum off-property concentration of the air contaminant and GLC_{ni} is the maximum off-property GLC at a non-industrial receptor of the air contaminant. For purposes of this special condition, "non-industrial receptor" is defined as any residence, church, school, day care center, or dedicated public park.

- (3) Acceptable off-site impacts are demonstrated using a refined model run with the same stack parameters and methodology as that submitted with the air dispersion modeling report dated March 2009.
- D. The permit holder shall maintain records of the information below and the demonstrations in steps A through C above. The following documentation is required for each compound:
- (1) Chemical name(s), composition, and chemical abstract registry number if available.
 - (2) True vapor pressure at maximum hourly and annual average storage temperature.
 - (3) Molecular weight.
 - (4) Areas where the material is to be handled and the emission control device to be utilized (if applicable).
 - (5) Date new compound handling commenced.
 - (6) Material Safety Data Sheet.
 - (7) Maximum concentration of the chemical in weight percent in the waste stream and in the affected facilities.

Records shall be maintained for a minimum of two years and be made available to representatives of the TCEQ or local air pollution control programs upon request.

7. Landfill Operations

- A. Any materials deposited in the landfill which exhibit a significant odor shall be covered immediately by at least six inches of compacted non-odorous waste or by at least six inches of compacted clay-rich materials to control fugitive odors.
- B. While operations remain totally within the smaller landfill cells (Cells C through G), no more than five of the smaller landfill cells will remain open at any time. Once operations have moved totally within the larger landfill cells (Cells H through S), no more than two and one-half of the larger cells shall remain open at any given time.
- C. All other landfill cells shall be either empty or closed. A cell will be considered closed when a composite cover or cap as represented in Section 10.3.3 of the permit application dated March 2005 has been installed.
- D. The working face area of the landfill shall be managed to limit the amount of emissions from organic compounds, including VOCs and non-VOCs, to those limits expressed on the maximum allowable emission rates table of this permit.
- E. During the excavation of a landfill cell, the permit holder shall control excessive fugitive PM emissions from the landfill by sprinkling with water and/or other appropriate dust suppressants as often as is necessary.
- F. The permit holder shall inspect the cap covering on all landfill cells upon closure for cracks and/or erosion which may provide an emission point for air contaminants. The cap covering shall be properly maintained to safeguard the integrity of the cap.
 - (1) The inspection of a closed landfill trench shall be conducted, at a minimum, once quarterly during the closure period and semi-annually throughout the post-closure care period.
 - (2) Records of the inspection and determinations as to the integrity of the cap covering of a landfill trench shall be kept and maintained in the operating record at the plant site. Such records shall be made available for inspection by TCEQ personnel upon request. This information shall be kept on site for at least three years after the information or data is obtained.

8. Particulate Emission Control

- A. Upon request of the Executive Director of the TCEQ, the holder of this permit shall perform high volume air sampling, one and/or three-hour tests, for net ground level concentrations of total PM. Each test shall consist of one upwind and one downwind sample taken simultaneously. The test(s) shall be performed during normal operation of the facilities. High volume sampling shall be performed in accordance with Chapter 11 (PM) of the TCEQ Sampling Procedures Manual.

- B. No visible emissions resulting from facility operations shall leave the purchased property boundary as represented in the public record. If this provision is violated, further controls shall be installed and/or implemented as required to limit visible emissions.
- C. The vents covered by this permit shall not operate unless control devices and associated equipment are maintained in good working order and operating. All vents will be inspected for visible emissions once per day and documented when operating and a spare-parts filter inventory will be maintained on site. Records shall be maintained of all inspections and maintenance performed.
- D. Opacity of emissions from the stacks, vents or buildings at this facility shall not exceed 10 percent averaged for 30 seconds over any six-minute period as determined using U.S. Environmental Protection Agency (EPA) Test Method 22, except for those periods described in 30 TAC § 111.111(a)(1)(E).
- E. The main entrance, the main access roadway, and the process operations area shall be covered with permanent asphaltic pavement and shall be watered as necessary to minimize particulate matter emissions.
- F. Unpaved roadways, including unpaved landfill roads shall be sprinkled with water and/or other appropriate dust suppressants as often as necessary to minimize the particulate matter emissions. Sufficient full-time watering/chemical suppressant vehicles shall be maintained on site for application of water/chemical to unpaved road surfaces as needed to minimize fugitive dust emissions. Care shall be taken to prevent oversaturated conditions which would cause outgoing trucks to track mud onto public motor ways. Complaints of dust emissions may require the use of vehicle speed and emission limits for unpaved roads. These requirements do not apply to incidental, infrequent vehicle traffic on unpaved areas if such vehicle traffic is not directly related to the main facility operations.
- G. Storage piles shall be sprinkled with water and/or other appropriate dust suppressants daily or as often as is necessary to minimize particulate matter emissions. As an alternative, a three-sided bunker can be utilized to minimize PM emissions from storage piles, in lieu of water or other dust suppressants.
- H. The beds of all trucks or containers transporting bulk solid waste materials shall be covered to prevent dust emissions from the materials being transported.
- I. Water or chemical sprays shall be installed and operated as needed to prevent the emission of excessive dust from exposed bulk waste transfer points in the railcar unloading area. All water/chemical spray systems shall be operated as necessary to achieve maximum control of dust emissions.
- J. All water/chemical sprays used as air pollution abatement equipment shall be properly maintained and operated during the operation of these facilities. Cleaning and maintenance of the abatement equipment shall be performed as necessary so that the equipment efficiency can be adequately maintained.

- K. The permit holder shall manage and dispose of all waste at the site in a manner which minimizes particulate emissions of waste to the air. At a minimum, all waste subject to wind dispersal shall be:
 - (1) Covered by a tarp or other similar device during processing or transport.
 - (2) Covered by at least six inches of soil, other waste, polyurethane foam, or approved synthetic material after disposal in the landfill or water sprinkled on the waste after placement in the landfill.
- L. Records shall be kept and maintained which reflect the following:
 - (1) Inspections of abatement equipment.
 - (2) Malfunctions and repairs of any air pollution abatement device(s).
 - (3) Total monthly application of water and/or chemical dust suppressant in gallons on all unpaved roads within the active operational area.

These records shall be maintained on-site for a rolling two year period and made available upon request by representatives of the TCEQ.

9. Baghouse Operating Specifications

- A. There shall be no visible emissions from any baghouse (EPNs STABSTK1, STABSTK2 and STABSTK3).
- B. Particulate dust collected from the bagfilters shall be handled in such a manner to prevent it from becoming airborne.
- C. The differential pressure of each baghouse shall be monitored daily when operating.

Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or at least annually, whichever is more frequent, and shall be accurate to within 0.5 inches water gauge pressure or 0.5 percent of span.

Quality assured (or valid) data must be generated when the waste processing, silo loading and sand blasting are operating except during the performance of a daily zero check. Loss of valid data due to periods of monitor breakdown, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the waste processing, silo loading and sand blasting operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
- D. All air pollution abatement and collection equipment for the facility covered by this permit shall be properly maintained and operated during the operation of these facilities. Cleaning and maintenance of the abatement equipment shall be performed as necessary so that the equipment efficiency can be adequately maintained. The following steps shall be performed, at a minimum, to ensure the proper operation of the baghouses:

- (1) The exterior of baghouses and all connecting duct work shall be inspected quarterly by facility personnel for physical defects such as holes or cracks that may cause leaks and excess emissions or losses in PM removal efficiency.
- (2) When there are visible stack emissions from a baghouse or leaks from a baghouse, the process controlled by the baghouse shall be shut down or rerouted to another control device until failed or damaged parts have been repaired or replaced. The baghouse shall not resume operations until it is in good working order.
- (3) The TCEQ Regional Director shall be notified as soon as possible of any baghouse system malfunction that results in visible emissions.

Recordkeeping

10. The following data shall be maintained by the source on a two-year rolling retention basis and shall be made available to the TCEQ Executive Director or his designated representative upon request.
 - A. Number of drums and roll-off bins sampled per hour and annually.
 - B. Total number of tarped bins with bulk waste containing VOCs being stored simultaneously.
 - C. The organic compound, including VOCs and non-VOCs, content of bulk waste streams received.
 - D. Average annual organic compound, including VOCs and non-VOCs, content of all bulk waste received.
 - E. New chemicals approved for handling at the facility in accordance with Special Condition No. 6.
 - F. Volume of waste stabilized per day.
 - G. Results of closed landfill cell final cover inspections.

Compliance With Radioactive Materials License(S)

11. In addition to the requirements of Permit Number 72653, the permit holder shall comply with all of the requirements of Radioactive Material License No. R04100 pertaining to the potential air emissions of radionuclides, including the related monitoring and reporting requirements, for all facilities covered by Permit Number 72653 in which radioactive materials are managed.

Date: June 10, 2016

Emission Sources - Maximum Allowable Emission Rates

Permit Number 72653

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
Mixed Waste Stabilization Stack 1 Bulk Waste Sampling Cap				
TRKFUG1	Truck Sampling Area	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
BSU1	Bin Storage Unit 1	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
BSU2	Bin Storage Unit 2	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
STABFUG	Stabilization Building Fugitives	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
STABSTK2	Mixed Waste Stabilization Stack 1	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
	FINAL EMISSIONS CAP	VOC	2.54	0.25
		PM	0.03	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
Mixed Waste Stabilization Stack 1 Container Waste Sampling Cap				
TRKFUG1	Truck Sampling Area	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
CSB1	Container Storage Building	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
BSU1	Bin Storage Unit 1	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
BSU2	Bin Storage Unit 2	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
STABFUG	Stabilization Building Fugitives	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
STABSTK2	Mixed Waste Stabilization Stack 1	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
PEDBLDG	Pedestal Building	VOC		
		PM		
		PM ₁₀		
		PM _{2.5}		
	FINAL EMISSIONS CAP	VOC	0.20	0.08
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
Bin Storage Units Cap				
BSU1	Bin Storage Unit 1	VOC		
BSU2	Bin Storage Unit 1	VOC		
	FINAL EMISSIONS CAP	VOC	32.77	7.22
BSU1	Liquid Waste Bulking in Bin Storage Unit 1	VOC	23.46	3.45
STABFUG	RCRA Stabilization Building	VOC	29.35	6.64
		PM	6.00	2.65
		PM ₁₀	6.00	2.65
		PM _{2.5}	6.00	2.65

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
STABSTK1	RCRA Stabilization Stack	VOC	12.10	5.95
		PM	0.54	0.24
		PM ₁₀	0.54	0.24
		PM _{2.5}	0.54	0.24
STABSTK2	Mixed Waste Stabilization Stack 1	VOC	13.45	6.62
		PM	0.37	0.14
		PM ₁₀	0.37	0.14
		PM _{2.5}	0.37	0.14
STABSTK3	Mixed Waste Stabilization Stack 2	VOC	0.54	0.05
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
OPEN LFILL	Landfill	VOC	121.60	43.38
		PM	12.90	19.04
		PM ₁₀	2.78	3.82
		PM _{2.5}	2.78	3.82
		Aluminum Oxide	3.70	(5)
		Arsenic	0.01	(5)
		Asbestos – Friable	0.01	(5)
		Beryllium	0.01	(5)
		Cadmium	0.01	(5)
		Calcium Oxide	1.48	(5)
		Calcium Sulfate	3.70	(5)
		Chromium	0.07	(5)
		Copper Oxides	0.74	(5)
		Dicalcium Silicate	3.70	(5)
		Iron Oxide	3.70	(5)

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		Manganese Oxides	0.15	(5)
		Nickel	0.01	(5)
		Silicon	3.70	(5)
		Silver	0.01	(5)
		Sodium Oxides	1.48	(5)
		Sulfur Trioxide	0.48	(5)
		Tetracalcium Aluminoferrate	3.70	(5)
		Tricalcium Aluminate	3.70	(5)
		Tricalcium Silicate	3.70	(5)
CLOSED LFILL	Landfill	VOC	0.73	3.19
SILO105	Reagent Silo 105 – Fly Ash	PM	0.17	0.04
		PM ₁₀	0.17	0.04
		PM _{2.5}	0.17	0.04
SILO106A	Reagent Silo 106A – Portland Cement	PM	0.17	0.04
		PM ₁₀	0.17	0.04
		PM _{2.5}	0.17	0.04
SILO16B	Reagent Silo 106B – Fly Ash	PM	0.17	0.04
		PM ₁₀	0.17	0.04
		PM _{2.5}	0.17	0.04
SILO107	Reagent Silo 107 – Portland Cement	PM	0.17	0.04
		PM ₁₀	0.17	0.04
		PM _{2.5}	0.17	0.04
STFINES	Stone Fines Stockpiles	PM	0.01	0.02
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Annual allowable limits are part of PM allowable.

Date: June 10, 2016



Air Permits Division, MC 163
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

RECEIVED ACCTG JUN 1 6 2016

PRESORTED STANDARD
Time Sensitive Material

33	US Postage PAID Global Mail 30297	
C25	79714	DFW 1-4

Return Service Requested

DHLGM#: 1101340635500246

