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#### Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: CHARLES M HINTON JR REGIONAL LANDFILL

Facility Identifier: 526582 Facility Reporting Year: 2010

Facility Location:

Address: 3175 ELM GROVE RD

City: ROWLETT State: TX Postal Code: 75089

## Facility Site Details:

CO2 Equivalent (excluding biogenic, mtons, Subparts C-HH): 69342

CO2 Equivalent (mtons, Subparts NN-PP): 0 Biogenic CO2 (mtons, Subparts C-HH): 0 Cogeneration Unit Emissions Indicator: N GHG Report Start Date: 2010-01-01 GHG Report End Date: 2010-12-31

Description of Changes to Calculation Methodology:

Description of Best Available Monitoring Methods Used: BAMM from January 1, 2010 through March 31, 2010 for landfill gas flow and methane content monitoring consisted of following 40 CFR Part 98 monitoring and missing data procedures. The data elements incorporating missing data substitution procedures and total number of hours missing data substitutions were used are reported according to 40 CFR  $\hat{A}$ 98.3(c)(8), and BAMM uses of the missing data substitution procedures are not considered with aforementioned reported information.

Part 75 Biogenic Emissions Indication: No Part 75 methods used

Primary NAICS Code: 562212 Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: City of Garland

Address: 1434 Commerce Street, Garland, TX 75040

Percent Ownership Interest: 100

### **Subpart HH: Municipal Solid Waste Landfills**

## **Gas Information Details**

Gas Name	Other Gas Name	Gas Quantity	Override	Override Explanation
Biogenic Carbon dioxide		0 (Metric Tons)		
Methane		3302 (Metric Tons)		
Nitrous Oxide		0 (Metric Tons)		

# **Landfill Details:**

Open	Υ		
Estimated Year LandFill Closure	2053		
Leachate Recirculation Indicator	N		
LeachRate Recirculation Frequency			
Scales Indicator	Υ		
LandFill Gas Collection System Indicator	Υ		
Passive Vent Flare Indicator	N		
Landfill Capacity	()		
Landfill SurfaceArea Containing Waste	209384 (Square Meters)		
Covertype Details	Other soil mixture		

# **Aeration Details:**

Aeration Blower Capacity	()
Landfill Fraction Affected by Aeration	()
Aeration Blower Operations Hours	()
Other MCF Factors	
Additional Description	

**Current Waste Disposal Quantity Determination Details** 

Current Annual Waste	Used scales to weigh loads before off-loading and either used scales to weigh individual
Quantity Method	loads after off-loading or used representative tare vehicle/container weights

Year Waste Disposed 2010					
	Current Annual Waste Quantity:	N			
	Number of Times Substituted:				
	Wasto Typo Dotails	Option		Methane Fraction Determination Method	is MCF Value Default Indicator Used
	Waste Type Details	Bulk Waste	Bulk waste	measured	N

# **Historical Waste Disposal Quantity Estimation Details**

Method used to	determine the ann	ual waste quantity	y for any	years pric	or to 2010

Vere scales used to determine the annual	waste quar	ntity	N	

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## **Tipping Receipt Details**

Were tipping receipts or company records used to determine waste disposal quantities

N

### Method used for estimating all annual waste quantities that are not determined with the methods above

Method #3: Use the landfill capacity or, for operating landfills, the amount of waste-in-place to estimate a constant average waste disposal quantity (Equation HH-3).

Start Year	2002
Method End Year	2009
Reason	In order to follow 40 CFR Part 98 procedures for determining waste acceptance for all years, waste acceptance prior to the reporting year was estimated using the method in 40 CFR Part 98.343(a)(4)(iii). This method was chosen as it uses the most current waste-in-place information for the site, while approximating the historical waste acceptance based on that information. When compared to the other methods provided for in the rule, this method was determined to be the most appropriate for determining historical waste acceptance, for GHG reporting purposes, at this site.

### Methane Generation and Emissions for Landfills with LFG Collection Systems

**Gas Collection System Information** 

z concentration and management	
System Manufacturer	Houston Service Industries (HSI)
System Capacity	3500 (acfm)
Number of Wells	31

### **Methane Generation and Emissions values**

Methane Generation Equation HH5	5161(Metric Tons)
Methane Generation Equation HH7	6351(Metric Tons)
Basis for Input Methane Generation Value	Equation HH-1
Methane Emissions Equation HH6	2112.00(Metric Tons)
Methane Emission from Equation HH8	3302.00(Metric Tons)

**Gas Collection Systems details** 

is conection systems details		
Annual Volume FGCollected Gas Volumetric Flow	340559163 (scf)	
	IsSubstitutedIndicator	N
	NumberofTimesSubstituted	
Annual Average Methane Concentration	53 (Number (between 0 and 100))	
	IsSubstitutedIndicator	N
	NumberofDaysSubstituted	
	NumberofWeeksSubstituted	
isTemperatureIncorporatedIndicator	Υ	
isPressureIncorporatedIndicator	Υ	
isLFGFlowWetBasisIndicator	Υ	
isMethaneConcentrationWetBasisIndicator	Υ	
OnSiteDestructionIndicator	On-site	
BackupDevicePresent	N	

Waste depth details

Area Type	WasteDepth(UOM)
A1	0(Meters)
A2	15.19(Meters)
A3	0(Meters)
A4	15.19(Meters)
A5	0(Meters)