

## **Special Waste Plan**

**Edinburg Sanitary Landfill  
Hidalgo County, Texas  
MSW Permit Number 956-B**

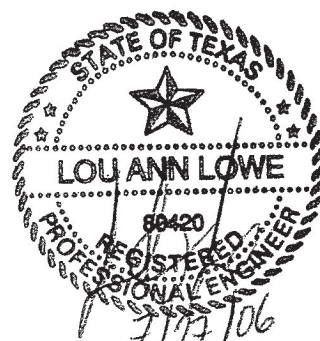
### **Prepared for:**

City of Edinburg  
Edinburg Sanitary Landfill  
1201 North Doolittle Road  
Post Office Box 1079  
Edinburg, Texas 78540

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*Revision 2 only*

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## ATTACHMENTS

CLASS II WASTE PROFILE

CLASSIFICATION CHECKLIST

SPECIAL WASTE DOCUMENTATION FORM

WASTE DISCREPANCY REPORT



7/27/06  
Revision 2 only

## **EDINBURG SANITARY LANDFILL, MSW PERMIT NUMBER 956-B SPECIAL WASTE PLAN**

### **1.0 INTRODUCTION**

The Edinburg Sanitary Landfill is operated by the City of Edinburg. This Special Waste Plan (SWP) consists of procedures to be followed by the landfill personnel for accepting and disposing of Special Waste at the landfill. The specific operational procedures outlined in the SWP must be acknowledged and used by site personnel. The SWP will be maintained at the site office in a easily accessible location to allow the site operation personnel to review it as needed.

Special Waste is any solid waste or combination of solid waste that, because of its quantity, concentration, physical or chemical characteristics or biological properties, requires special handling and disposal to protect the human health or environment. Special Wastes are defined in 30 TAC §330.3.

### **1.1 SPECIAL WASTE ACCEPTED**

In addition to the special waste listed in Section 4.23.1, "Special Waste Operational Plan", of the Site Operating Plan, Part IV, the City of Edinburg will accept municipal and industrial Class 2 waste with the following TCEQ "Form Codes":

- 209 Organic paint, ink, lacquer, or varnish;**
- 210 Adhesives or epoxies;**
- 301 Soft Contaminated with organics**
- 302 Soil contaminated with inorganics only**
- 308 Empty or crushed metal drums or containers**
- 310 Spent solid filters or absorbents;**
- 388 Empty or crushed glass containers;**
- 389 Non-hazardous sandblasting waste**
- 390 Non-hazardous concrete/cement/construction debris;**
- 391 Non-hazardous dewatered wastewater treatment sludge;**
- 403 Solids resins or polymerized organics;**
- 406 Empty fiber or plastic containers;**
- 488 Wood debris;**

- 489    **Petroleum contaminated solids;**
- 490    **Sandblasting waste;**
- 504    **Other wastewater treatment sludge;**
- 606    **Resins, tars, or tarry sludge;**
- 901    **Class 2 Plant Production Refuse;**
- 902    **Supplemental Plant Production Refuse; and**
- 903    **Plant Office Refuse.**

Other Class 2 Form Codes may be accepted, as needed, by written notification to the TCEQ and amending this SWP to reflect all Form Codes accepted. No other special waste will be accepted at the site without prior TCEQ approval. Class 1 industrial solid waste is not accepted at the facility.

## **1.2    CLASS 2 WASTE PROFILE**

The City of Edinburg will require all special waste generators to complete a Class 2 Waste Profile and a Classification Checklist for each specific Class 2 waste stream prior to being granted approval for disposal at the facility. A copy of the "Class 2 Waste Profile" and "Classification Checklist" is attached to this SWP.

Each waste stream approved for disposal will be assigned a unique waste stream number by the facility. Only waste streams that have been reviewed by qualified landfill personnel and determined to meet the City's acceptance criteria will be approved for disposal. Waste stream approval will be for a period of one (1) year. Extension of waste stream approval beyond one year will require re-submittal of the mandatory analytical data and updating of the generating process information.

## **1.3    ACCEPTANCE CRITERIA**

In addition to the screening and acceptance requirements contained in Section 4.2 "Control of Prohibited Waste", of the Site Operating Plan, the City will use TCEQ guidance RG-69 (9/96 rev.), "Suggested Analytical Testing for Special Waste Disposal" when reviewing and granting approval for Class 2 waste streams. Generator process knowledge will be taken into consideration when reviewing information obtained from the Class 2 Waste Profile and Classification Checklist.

Total analysis will be used to screen waste streams prior to requiring Toxicity Characteristic Leaching Procedure (TCLP). The following total analysis will be mandatory for disposal at the facility. If the total analysis exceeds the limits listed, the TCLP will be required and the TCLP results will not exceed the stated limits for any waste stream granted approval for disposal.

Analyte	Total Limit <sup>1</sup>	TCLP Limit
Arsenic	36 mg/kg	1.8 mg/L
Barium	2000 mg/kg	100 mg/L
Cadmium (Cd)	10 mg/kg	0.5 mg/L
Chromium (Cr)	100 mg/kg	5.0 mg/L
Lead (Pb)	30 mg/kg	1.5 mg/L
Mercury (Hg)	4 mg/kg	0.2 mg/L
Selenium (Se)	20 mg/kg	1.0 mg/L
Silver (Ag)	100 mg/kg	5.0 mg/L
TPH	1500 mg/kg	NA
BTEX	10 mg/kg	Limits for each individual component of BTEX

If the total BTEX {total benzene (B) , total toluene (T), total ethylbenzene (E), and total Xylene (X)} exceeds 10 mg/kg, the following limits will not be exceed for any component of the BTEX:

Analyte	Total Limit	TCLP Limit
Benzene	10 mg/kg	0.5 mg/L
Xylene	140000 mg/kg	7000 mg/L
Toluene	2000 mg/kg	1000 mg/L
Ethylbenzene	800 mg/kg	400 mg/L

The landfill will allow generator process knowledge and other information obtained from the Class 2 Waste Profile and Classification Checklist to determine if the following analysis are necessary. If generator information or lack of information requires the analysis, the analysis must be within the acceptable limits stated below for disposal at the facility:

TOX	less than 50 mg/kg
PCBs	less than 50 mg/kg



<b>PNA's</b>	<b>less than 1500 mg/kg</b>
<b>Chlorides</b>	<b>less than 3000 mg/kg</b>
<b>Sulfide</b>	<b>less than 500 mg/kg (vapor) SW846 Method 376.1</b>
<b>Cyanide</b>	<b>less than 250 mg/kg (vapor) SW846 Method 9010</b>

<sup>1</sup>TNRCC Guidance Document RG-69 (9/96 rev.)

All industrial Class 2 waste streams accepted for disposal at the facility will be solid, passing the paint filter liquids test, EPA Method 9095. All waste streams accepted for disposal at the facility when mixed with a equivalent weight of ASTM Class 2 laboratory grade water **will not** produce a solution having a pH of  $\leq 2.0$  or  $\geq 12.5$ .

#### 1.4 INSPECTION AND ACCEPTANCE/REJECTION

Each special waste shipment must be approved by landfill administrative personnel and scheduled into the facility before shipment. A copy of the Class 2 Waste Profile, Classification Checklist, all analytical testing, and approval information will be maintained at the site. Shipments will be inspected by trained personnel prior to disposal and compared to the Waste Profile information. Shipments that do not match the Waste Profile or are found to contain prohibited materials through waste screening procedures in accordance with the Site Operating Plan will be rejected.

A waste discrepancy is any shipment for which there are differences between the quantity or type of waste designated on the shipping paper or waste that does not match the Waste Profile information. Significant discrepancies in quantity are: (1) For bulk waste, variations greater than 10 percent in volume or weight, and (2) for batch waste, any variation in piece count. Significant discrepancies in type are obvious differences discovered through waste inspection or waste screening procedures that do not match the shipping paper, Waste Profile information, or are found to contain prohibited materials.

Upon discovering a significant discrepancy in quantity, the landfill will attempt to reconcile the discrepancy with the waste generator or transporter (e.g. telephone conversations). If the discrepancy is not resolved within 15 days after receiving the waste, the landfill will immediately submit to the TCEQ a letter describing the discrepancy and attempts made to reconcile it, with a copy of the shipping paper at issue. Significant discrepancies in type that can not be reconciled, will be rejected.

A Waste Discrepancy Report will be completed for each shipment where a discrepancy is discovered. The Waste Discrepancy Report will include the type of discrepancy, generator and transporter information, and measures taken to resolve the discrepancy. The Waste Discrepancy Report Form will be kept on-site as part of the site operating record. A copy of the Waste Discrepancy Report Form is attached to this SWP.

## **1.5 DISPOSAL METHODS, WASTE HANDLING, AND CONTINGENCY PLAN**

No special waste will be approved for disposal at the facility that will require handling and/or disposal practices different from those outlined in the Site Operating Plan. Any accidental spills occurring during the delivery of waste at the site and/or disposal operations will be immediately reported to the Site Manager (SM) and the Director of Solid Waste Management (DSWM) or their designated alternate. Landfill personnel will immediately contain and cleanup any spills using resources available at the site. In the event of a spill, the circumstances, location, and cleanup activities will be documented in the Comments section of the Special Waste Documentation Form (See section 1.6).

## **1.6 SPECIAL WASTE RECORDKEEPING AND REPORTING**

A Special Waste Documentation Form (SWDF) will be completed for each shipment of special waste received at the facility. A copy of this SWDF is included with this plan. The SWDF must be signed by the DSWM or SM or their designated alternate and kept on-site as part of the operating record.

The minimum information required on the form is as follows:

**Generator Name;**

**Waste stream Name;**

**Waste stream Number;**

**Shipment Date;**

**Transporter;**

**Shipment Volume; and**

**Disposal Cell and location within the cell that waste was disposed.**

The landfill will submit a monthly summary of special waste received no later than 25th day, of the month following the month in which the waste was received. Reports shall be submitted on forms provided by the executive director. Failure to file the required reports in a timely manner shall be a violation of the rules.

## **1.7 MAQUILADORA WASTE**

Class 2 Class 3 Maquiladora waste will be accepted at the landfill. In addition to the Waste Profile information required by this SWP, Maquiladora Generators will be required to supply a TCEQ issued site-specific "Q" Number for the facility generating the waste. All shipments of Maquiladora waste must be accompanied by an audit authorization letter from the TCEQ for that stream before the shipment will be accepted for disposal.

## **ATTACHMENTS**





## Class II Waste Profile

City of Edinburg  
Department of Solid Waste Management  
1201 North Doolittle Road  
Post Office Box 1079  
Edinburg, Texas 78540-1079

TEL: (956) 381-5635  
FAX: (956) 383-2851  
rev 10/97

### Landfill Use Only

Wastestream # \_\_\_\_\_  
Approved: \_\_\_\_\_  
Date: \_\_\_\_\_  
Expiration: \_\_\_\_\_

### I. Generator Information

EPA Generator ID# \_\_\_\_\_  
Generator Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State/zip: \_\_\_\_\_  
Technical Contact Name: \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ Ext.: \_\_\_\_\_  
Fax: (\_\_\_\_\_) \_\_\_\_\_

### II. Generating Facility Information

Facility Name: \_\_\_\_\_  
State Generator #: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_  
Facility Contact Name: \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ Ext.: \_\_\_\_\_  
Fax: (\_\_\_\_\_) \_\_\_\_\_

### III. Wastestream Description

Wastestream Name: \_\_\_\_\_  
Texas Waste Code #: \_\_\_\_\_  
Describe Process Generation Waste: (Be Specific)  
\_\_\_\_\_  
\_\_\_\_\_

Describe appearance (e.g. brown powder, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe Odor \_\_\_\_\_

Color: \_\_\_\_\_ Density \_\_\_\_\_ lbs./cubic yard

Is the waste a solid per the paint filter liquids test, method 9095?

☐ Yes ☐ No

### V. Shipping Data

Shipping method (drums, bulk, other): \_\_\_\_\_

Estimated Quantity: (cubic yards or number of drums)

\_\_\_\_\_ one-time \_\_\_\_\_ Per qty \_\_\_\_\_ Per year

Special Handling Instructions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### IV. Waste Composition

#### Total Metals Analysis (required)

Arsenic (As)	_____	mg/kg
Barium (Ba)	_____	mg/kg
Cadmium (Cd)	_____	mg/kg
Chromium (Cr)	_____	mg/kg
Lead (Pb)	_____	mg/kg
Mercury (Hg)	_____	mg/kg
Selenium (Se)	_____	mg/kg
Zinc (Zn)	_____	mg/kg
Silver (Ag)	_____	mg/kg

TPH \_\_\_\_\_ mg/kg  
BTEX \_\_\_\_\_ mg/kg

pH \_\_\_\_\_ Range \_\_\_\_\_ to \_\_\_\_\_ (solids, pH of equivalent weight mixed with ASTM Type II Laboratory distilled or deionized water)

#### Components

(Account for 100%, attach laboratory analysis and/or MSDS, if available)

Component	Average %	Range
_____	_____	to _____
_____	_____	to _____
_____	_____	to _____
_____	_____	to _____

I have completed a Hazardous Waste, Class 1 & 2 determination for this waste. The determination checklist or other documentation is attached.

☐ Yes ☐ No

### VI. CERTIFICATION

I certify and warrant that the above wastestream identification for the materials offered for disposal as appears on this form and contained on any attachments, or supplements, is true and correct. My certification is based on personal examination of the information submitted, or is based upon my inquiries of those individuals responsible for obtaining the information. I further certify and warrant that the identification is a result of analysis of a representative sample obtained and analyzed in accordance with testing procedures specified by the Texas Natural Resources Conservation Commission (TNRCC) or by applying knowledge of the process generating the specific waste being offered for disposal. I am an employee of the generator and am empowered to sign this form.

Generator Signature: \_\_\_\_\_ Title \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR NAME: \_\_\_\_\_

WASTESTREAM NAME: \_\_\_\_\_

WASTESTREAM NUMBER \_\_\_\_\_

DATE: \_\_\_\_\_

**Classification Checklist ( Check the statements that are true)**

*It is the generators responsibility to correctly classify their waste per the regulations. This checklist is intended to assist the City with evaluating this wastestream for disposal at the Edinburg Landfill only, and is not intended to be a comprehensive waste classification tool. Generators must refer to 31 Texas Administrative Code Chapter 335 Subchapter R for a more detailed explanation of waste determination.*

- ☐ The waste is not a hazardous waste, mixed with a listed hazardous waste, or derived from a listed hazardous waste per 40 CFR §261.31 through §261.33?
- ☐ The waste is not ignitable per 40 CFR §261.33?
- ☐ The waste is not corrosive per 40 CFR §261.33?
- ☐ The waste is not toxic per 40 CFR §261.33?

If the waste is a container, less than or equal to 5 gallons in holding capacity, which has held a hazardous waste, Class I waste, and/or a material which would be classified as a hazardous or Class I waste, check the following true statements:

The container is empty per 31 TAC §335.41(f) (2)? \_\_\_\_\_

The container had all its residues removed? \_\_\_\_\_

The container has been rendered unusable? \_\_\_\_\_

- ☐ The waste does not contain asbestos material identified as Regulated Asbestos Containing Material (RACM) as defined in 40 CFR Part 61.
- ☐ The waste is not contaminated by a material which originally contained greater than or equal to 50 ppm total polychlorinated biphenyl's (PCBs).
- ☐ The waste does not contain greater than or equal to 50 ppm PCBs.
- ☐ The waste does not contain greater than 1500 ppm total petroleum hydrocarbons (TPH)
- ☐ The waste is a solid or semi-solid which, under conditions normal incident to storage, transportation, and disposal, **will not cause** fires through friction, retained heat from manufacturing or processing, or can be ignited readily, and when ignited burns so vigorously and persistently as to create a serious hazard.
- ☐ The waste does not leach constituents at or above the levels listed in Table 1, Appendix 1 of TAC Chapter 335 Subchapter R (TCLP)
- ☐ There is sufficient information to demonstrate that the waste is not some other nonhazardous classification.
- ☐ The generator has chosen not to classify his non-hazardous waste as a Class I waste.
- ☐ The waste is not associated with first aid stations, medical emergencies, or other non-surgical medical treatment.
- ☐ When using the test methods specified in Appendix 4 of 31 TAC Chapter 335 Subchapter R (7-day Distilled Water Leachate Test), the waste does not leach constituents at or above the Maximum Contaminate Levels listed in Table 3, Appendix 1 of Subchapter R.