

**NEW BOSTON LANDFILL
BOWIE COUNTY, TEXAS
TCEQ PERMIT APPLICATION NO. MSW 576C**

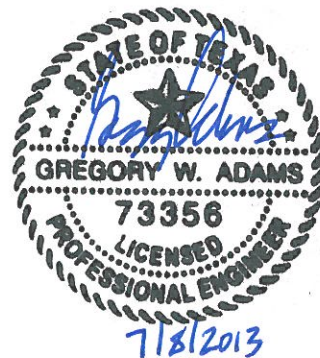
PERMIT AMENDMENT APPLICATION

**PART III – FACILITY INVESTIGATION AND DESIGN
ATTACHMENT I
POSTCLOSURE PLAN**

Prepared for

Waste Management of Texas, Inc.

July 2013



Prepared by

BIGGS & MATHEWS ENVIRONMENTAL

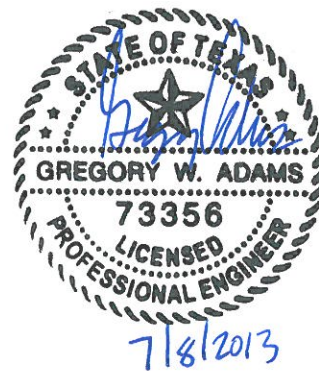
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1 INTRODUCTION

30 TAC §330.63(i)

This facility postclosure care plan provides the information required by 30 TAC §330.63(i), §330.463(b) and §330.465. The postclosure care plan includes the provisions for continued groundwater monitoring, landfill gas monitoring, leachate collection, and maintenance of the constructed final cover and drainage facilities for the duration of the 30-year postclosure period. The postclosure care plan also provides procedures to decrease or increase the postclosure care period, identifies the person responsible for postclosure care, and includes the provisions for certification at the completion of the postclosure care period.

2 POSTCLOSURE CARE ACTIVITIES

30 TAC §330.463(b) and §330.465

2.1 Monitoring and Maintenance

Following completion of all closure activities for the MSW landfill unit, the owner or operator shall comply with the post-closure care requirements specified in §330.463(b). Closure requirements are included in Attachment H – Closure Plan. Postclosure care maintenance will continue for a period of 30 years unless the TCEQ approves or requires a postclosure care period of a different duration. Postclosure care maintenance will consist, at a minimum, of the following requirements, to be carried out by Waste Management of Texas, Inc. (WMTX).

- Retain the right of entry and maintain all rights-of-way to the closed landfill.
- Conduct semiannual site inspections.
- Conduct maintenance or remediation activities, as needed, to maintain the integrity and effectiveness of the final cover, site vegetation, and stormwater drainage appurtenances. These activities may include regrading, placement of additional soil, seeding, and repair of erosion control features.
- Control surface runoff and runoff in order to minimize the erosion of the final cover system. Maintenance may include regrading and cleaning of ditches and swales.
- Correct the effects of settlement, subsidence, ponded water, erosion, or other events or failures as these situations are detrimental to the integrity of the closed landfill. Corrective measures may include regrading, placement of additional soil, and seeding.
- Maintain the groundwater monitoring system and monitor groundwater in accordance with the requirements of §§330.401 – 330.421. In accordance with 30 TAC §330.407, the monitoring frequency will be semiannual. Parameters to be monitored will be those constituents listed in 30 TAC §330.419. However, WMTX reserves the right to request TCEQ approval of (1) an alternative monitoring frequency, and (2) an alternative list of parameters to be monitored. Such requests will be based on supporting data available at the time of the request.
- Maintain and operate the leachate collection system in accordance with 30 TAC §330.331 and §330.333. However, WMTX reserves the right to request the approval of the executive director to allow WMTX to stop managing leachate if WMTX can demonstrate to the satisfaction of the executive director that leachate does not pose a threat to human health and the environment.

- Maintain and operate the landfill gas monitoring system in accordance with the requirements of §330.371. In accordance with 30 TAC §330.371, the minimum frequency will be quarterly. However, WMTX reserves the right to request TCEQ approval of an alternate monitoring frequency. Such a request will be based on supporting data available at the time of the request.

2.2 Decreasing Postclosure Care Period

The length of the postclosure care maintenance period may be decreased by the TCEQ if WMTX submits a documented certification, signed by an independent registered professional engineer and including all applicable documentation necessary to support the certification, that demonstrates that the reduced period is sufficient to protect human health and the environment. Applicable documentation may include data from monitoring of groundwater, surface water, leachate levels, and landfill gas. The certified documentation must be reviewed and approved by the TCEQ prior to decreasing the length of the postclosure care maintenance period.

2.3 Increasing Postclosure Care Period

The length of the postclosure care maintenance period may be increased by the TCEQ if it is determined that the increased duration is necessary to protect human health and the environment. It is understood that WMTX will receive appropriate notification of any such proposed changes prior to the TCEQ's final determination.

2.4 Completion of Postclosure Care

Upon completion of the postclosure care maintenance period, WMTX will submit to the TCEQ documented certification signed by an independent licensed professional engineer and verifying that postclosure care maintenance has been completed in accordance with the approved postclosure plan. The submittal will include all documentation necessary for certification of completion of postclosure care maintenance. The certification will be placed in the site operating record upon approval. Certification of completion of the postclosure care maintenance period and voluntary permit revocation will be conducted in accordance with §330.465.

3 PERSON RESPONSIBLE FOR CONDUCTING POSTCLOSURE CARE ACTIVITIES

30 TAC §330.463(b)

At the time of the development of this document, the following person is responsible for the management of this landfill:

Director of Disposal Operations
Waste Management of Texas, Inc.
9708 Giles Rd.
Austin, Texas 78754
512-272-6243

Daily operational activities are directed by:

Landfill Manager
New Boston Landfill
1030 Highway 82 West
New Boston, Texas 75570
903-628-6595

The person responsible for conducting postclosure activities is subject to change. However, as part of the closure notification to TCEQ, as required by 30 TAC §330.463(b), WMTX will notify the TCEQ regarding the responsible person.

4 POSTCLOSURE LAND USE

30 TAC §330.957

4.1 Intended Use

There are no current planned postclosure uses for the New Boston Landfill. Should use of the closed landfill not associated with solid waste activities be considered, plans will be prepared and submitted to the TCEQ for review and approval.

4.2 Constraints on Postclosure Construction

There are no plans to construct buildings or other structures on the closed New Boston Landfill property. Nevertheless, any future construction activities on the closed landfill will be subject to the provisions of 30 TAC §§330.951 – 964, which require, among other things, prior approval of the TCEQ.

5 POSTCLOSURE CARE COST ESTIMATE

30 TAC §330.463(b)

The estimated cost of hiring a third party to conduct postclosure care activities in accordance with the postclosure plan is \$3,743,064. The detailed cost estimate provided in Attachment J.