

# **MUNICIPAL SOLID WASTE PERMIT MAJOR AMENDMENT**

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## **PART III-ATTACHMENT I POST-CLOSURE CARE PLAN**



***NAME OF PROJECT: Beck Landfill***

***MSW PERMIT APPLICATION NO.: 1848A***

***OWNER: Nido, LTD (CN603075011)***

***OPERATOR: Beck Landfill (RN102310968)***

***CITY, COUNTY: Schertz, Guadalupe County***

***Major Amendment: September 2022***

Prepared by:



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## 1.0 INTRODUCTION

Consistent with 30 TAC §330.63(i), this facility post-closure care plan provides the information required by §330.463 and §330.465. Consistent with 30 TAC 330.463(b)(3), a copy of the post-closure plan will be placed in the site operating record. The post-closure care plan includes the provisions for continued groundwater monitoring, landfill gas monitoring, and maintenance of the constructed final cover and drainage facilities for the duration of the 30-year post-closure period. The post-closure care plan also provides procedures to decrease or increase the post-closure care period, identifies the office responsible for post-closure care, and includes the provisions for certification at the completion of the post-closure care period.

## 2.0 POST-CLOSURE CARE ACTIVITIES

### 2.1 Monitoring and Maintenance

In accordance with 30 TAC §330.463(b), post-closure care maintenance will commence immediately upon completion of final closure requirements set forth in Part III, Attachment H - Closure Plan. Post closure care maintenance will continue for a period of 30 years unless the TCEQ approves or requires a post-closure care period of a different duration. Post-closure care maintenance will consist, at a minimum, of the following actions to be carried out by Beck Landfill:

- Retain the right of entry and maintain all rights-of-way to the closed landfill.
- Conduct quarterly 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 30 TAC §§330.401 through 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, Beck Landfill reserves the right to request TCEQ approval of an alternative monitoring frequency and/or an alternative list of monitoring parameters. Such requests will be based on supporting data available at the time of the request. Continue to conduct any earth resistivity studies required in the site development plan at the specified frequency. If there is evidence of a

release from a municipal solid waste unit, the executive director may require an investigation into the nature and extent of the release and an assessment of measures necessary to correct an impact to groundwater.

- Maintain and operate the landfill gas monitoring system in accordance with the requirements of §330.371, and monitor at a minimum frequency of quarterly. However, Beck Landfill reserves the right to request TCEQ approval of an alternate monitoring frequency, based on supporting data available at the time.

## **2.2 Decreasing Post-Closure Care Period**

The length of the post-closure care maintenance period may be decreased by the TCEQ if Beck Landfill submits a documented certification, signed by an independent registered professional engineer and including all applicable documentation necessary to support the certification, which 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 post-closure care maintenance period.

## **2.3 Increasing Post-Closure Care Period**

TCEQ may increase the length of the post-closure care maintenance period if it is determined that the increased duration is necessary to protect human health and the environment. It is understood that Beck Landfill will receive appropriate notification of any such proposed changes prior to the TCEQ's final determination.

## **2.4 Completion of Post-Closure Care**

Upon completion of the post-closure care maintenance period, Beck Landfill will submit to the TCEQ documented certification by an independent licensed professional engineer and verifying that post-closure care maintenance has been completed in accordance with the approved post-closure plan. The submittal will include all documentation necessary for certification of completion of post-closure care maintenance. The certification will be placed in the site operating record upon approval. Certification of completion of the post-closure care maintenance period and voluntary permit revocation will be conducted in accordance with §330.955, §330.957(b)(2), and §330.957(m).

### **3.0 RESPONSIBILITY FOR POST-CLOSURE CARE ACTIVITIES**

Consistent with 30 TAC §330.463(b), the office overseeing and/or conducting post-closure care is:

Beck Landfill  
Mr. Grant Norman  
Special Projects Manager  
P.O. Box 790641  
San Antonio, Texas 78279.

## **4.0 POST-CLOSURE LAND USE**

### **4.1 Intended Use**

There are no current planned post-closure uses for the Beck Landfill. Consistent with 30 TAC §330.957, 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 Post-Closure Construction**

There are no plans to construct buildings or other structures on the closed Beck Landfill property. Nevertheless, any future construction activities on the closed landfill will be subject to the provisions of 30 TAC §§330.951 through 330.964, which require, among other things, prior approval of the TCEQ.

## 5.0 POST-CLOSURE CARE COST ESTIMATE

Consistent with 30 TAC 330.463(b), the estimated cost of hiring a third party to conduct post-closure care activities in accordance with the post-closure plan is \$1,736,438. The detailed cost estimate is provided in Part III, Attachment J- Cost Estimates for Closure and Post-Closure Care.