

**Part III  
Attachment III-I**

**POST-CLOSURE CARE PLAN**

**Pescadito Environmental Resource Center  
MSW No. 2374  
Webb County, Texas**

**PESCADITO**  
ENVIRONMENTAL RESOURCE CENTER

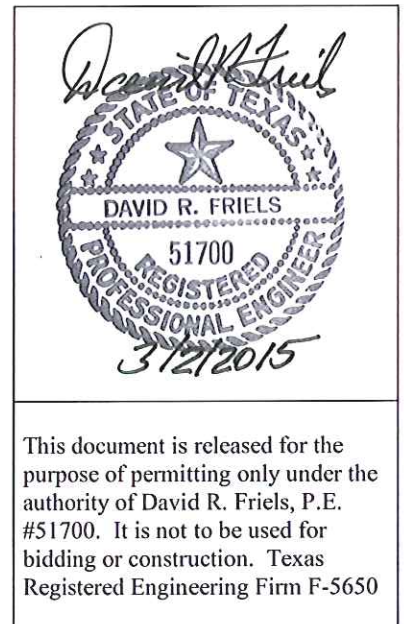
**March 2015**

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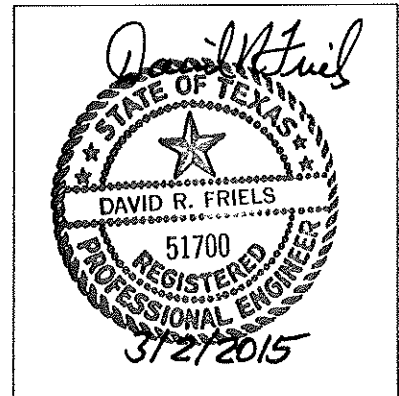
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## 1.0 REGULATIONS

This Post-Closure Care Plan has been prepared for the Pescadito Environmental Resources Center (PERC) consistent with the State of Texas requirements set forth in 30 TAC §330.463 to comply with §330.63(i). These regulations were promulgated by the Texas Commission on Environmental Quality (TCEQ) and became effective March 27, 2006. As required in §330.463(b)(3) a copy of the post-closure care plan shall be placed in the site operating record. Consistent with §330.463(b)(3)(A-D), this plan includes:

- A description of the required monitoring and maintenance activities during the post-closure care period
- Contact information for the person that will be responsible for overseeing the post-closure care activities during the post-closure care period
- A description of the planned uses of any portion of the closed facility during the post-closure care period

A detailed written estimate of the cost of the maintenance and corrective action activities that will be conducted during the post-closure care period are presented in Attachment III- J.

## **2.0 POST-CLOSURE ACTIVITIES**

### **2.1 Introduction**

The activities and recommendations described in this plan and are based upon conditions and circumstances believed to currently exist or that will exist during the active life of the site. If conditions or circumstances at the site are found to differ from those anticipated, the plan will be reviewed to determine if those conditions or circumstances affect the activities or recommendations contained in this plan.

### **2.2 Monitoring and Maintenance**

Post-closure care maintenance will commence immediately upon completion of final closure requirements set forth in the closure plan. Post-closure care maintenance will continue for a period of 30 years from acceptance by the TCEQ of the certification of completion of closure requirements by the TCEQ, unless the TCEQ approves a period of a different duration. Post-closure care maintenance will consist, at a minimum, of the following requirements, to be carried out during the post-closure care period by the PERC.

- Retain the right of entry and maintain all rights-of-way to the closed landfill in order to conduct periodic inspections for a minimum of 5 years after certification of closure. The 5-year period may be extended by the executive director if it is determined that further corrective action is required.
- Conduct site inspections quarterly during the first 5 years after certification of closure and annually thereafter until completion of the post-closure care period.
- Conduct maintenance and/or remediation activities, as needed, in order to maintain the integrity and effectiveness of the final cover system, site vegetation or other approved erosion protection, and storm water drainage controls.
- Control surface run-on and run-off in order to minimize the erosion of the final cover system.

- Correct the effects of settlement, subsidence, ponded water, erosion, or other events or failures in as much as these situations are detrimental to the integrity of the closed landfill.
- Maintain and operate the groundwater monitoring system and monitor groundwater in accordance with the requirements of 30 TAC §330, Subchapter J. In accordance with §330.407, the monitoring frequency will be semiannually. However, the PERC reserves the right to request TCEQ approval of an alternate monitoring frequency if adequate supporting data is available at the time of the request.
- Maintain and operate the landfill gas monitoring system in accordance with 30 TAC §330, Subchapter I. The minimum monitoring frequency as specified in §330.371 will be quarterly. However, the PERC reserves the right to request TCEQ approval of an alternate monitoring frequency if adequate supporting data is available at the time of the request.
- Maintain and operate the landfill leachate collection system in accordance with 30 TAC §330.331 and §330.333. As noted in Attachment III-H – Closure Plan, the contaminated waster storage will continue in operation as part of the leachate collection system until there is no longer a need for the storage. Once the contaminated water storage is no longer required, the storage facility will be closed and decommissioned and the closure will be reported to the TCEQ. The PERC reserves the right to request TCEQ's approval to discontinue monitoring and managing leachate if it can be adequately demonstrated to and approved by the TCEQ that the rate of leachate generation is sufficiently low that leachate does not pose a threat to human health and the environment.

### **2.3 Decreasing Post-Closure Period**

The length of the post-closure care maintenance period may be decreased by the TCEQ if the PERC 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 post-closure care maintenance period.

#### **2.4 Increasing Post-Closure Period**

The length of the post-closure 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 the PERC will receive appropriate notification of any such proposed changes to the TCEQ's final determination.

#### **2.5 Completion of Post-Closure Period**

Upon completion of the post-closure care maintenance period, the PERC will submit to the TCEQ documented certification, signed by an independent registered professional engineer, verifying that post-closure care maintenance has been completed in accordance with the approved Post-Closure Care Plan. The certification submittal will be prepared consistent with 30 TAC §330.465 and will include all documentation necessary for certification of completion of post-closure care maintenance. At this time, the owner or operator will also submit to the executive director a request for voluntary revocation of the facility permit. The certification and voluntary revocation of permit request will be placed in the site operating record upon approval.

### **3.0 PERSON RESPONSIBLE FOR CONDUCTING POST-CLOSURE ACTIVITIES**

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

Mr. Carlos Y. Benavides, III  
Rancho Viejo Waste Management, LLC  
1116 Calle del Norte  
Laredo, Texas 78041  
956-523-1400

Daily operational activities will also be directed by:

Mr. Carlos Y. Benavides, III  
Rancho Viejo Waste Management, LLC  
1116 Calle del Norte  
Laredo, Texas 78041  
956-523-1400

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

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

### **4.1 Intended Use**

There are no current planned uses for the PERC Solid Waste Management and Disposal Facility. 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 PERC. Nevertheless, any future construction activities on the closed landfill will be subject to the provisions of 30 TAC Chapter 30 Subchapter T, which require, among other things, prior approval on the TCEQ.



## 5.0 POST-CLOSURE CARE COST ESTIMATE

As required in 30 TAC §330, Subchapter L, the estimated cost of hiring a third party to conduct post-closure care activities in the post-closure care plan has been addressed in Attachment III-J .