

**Part III
Attachment III-H**

CLOSURE PLAN

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

PESCADITO
ENVIRONMENTAL RESOURCE CENTER

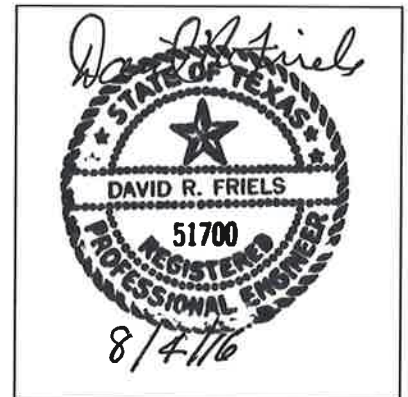
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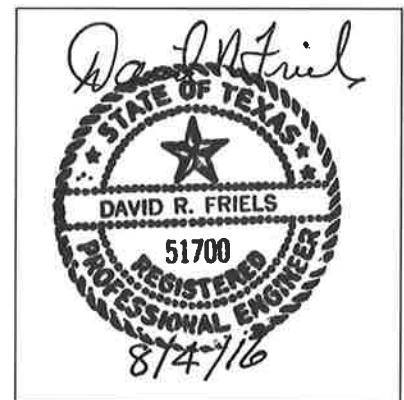
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2.0 LANDFILL FINAL COVER SYSTEM

2.1 Landfill Final Cover System Design

The final cover system design for the site is provided in Part III, Attachment III-D, Appendix III-D.8 of this Site Development Plan (SDP). Webb County is within the arid region of Texas with an average annual rainfall of approximately 20 inches. The final cover contour map and final cover details are provided in Appendix III-D.3 for reference. PERC will utilize an alternate final cover system that consists of the following (from the top down):

Final Cover Layer	Class 1 Cells	Non-Class 1 Cells
Topsoil/vegetation	7 inches	7 inches
Soil evapotranspiration (storage)	30 inches	30 inches
Geosynthetic drain	Required	Not required
40 mil LLDPE geomembrane	Required	Not required
Intermediate cover soil	12 inches	12 inches

The erosion layer for the final cover will consist of a minimum of 7 inches of on-site native soil that is capable of sustaining native plant growth. The infiltration layer will consist of on-site soil that is classified as CL or CH and complies with the requirements stated in Appendix III-D.8 and also in Appendix III-D.9, Final Cover Quality Control Plan (FCQCP). The final cover will have a maximum final top slope of 6 percent and a side slope of 4H:1V (25 percent) and has been designed to provide sufficient slope to preclude ponding of surface water after taking into consideration expected subsidence.

The erosion layer will be covered with: (1) vegetation consisting of native grasses, (2) wood chips, or (3) stone to provide erosion protection from wind and surface water. The final cover system will be maintained until closure and through the post-closure period.

2.2 Installation Methods and Procedures

2.3 Construction Procedures

The final cover system will be constructed in accordance with 30 TAC §330.457 and as specified in Appendix III-D.9 – Final Cover Quality Control Plan (FCQCP). The final cover will be installed in sections during the active life of the facility. The area of the sections to be closed will vary, but each section will be completed or filled to the design lines and grades prior to final