

## PART II

# APPLICATION FOR PERMIT TYPE I MUNICIPAL SOLID WASTE FACILITY MSW PERMIT NO. 2374

## PESCADITO ENVIRONMENTAL RESOURCE CENTER

### SOLID WASTE MANAGEMENT AND DISPOSAL FACILITY RANCHO VIEJO WASTE MANAGEMENT, LLC LAREDO, WEBB COUNTY, TEXAS

Sections 1.1, 1.2, 2.1.4, 10.1—10.4, 11.1 –  
Signed by H.C. Clark, P.G., Ph.D. on Feb. 7,  
2012

Except for Sections 1.1, 1.2, 2.1.4,  
10.1—10.4 and 11.1 – remaining  
portions of Part II through February 17,  
2012 revisions were signed/sealed by  
James F. Neyens, P.E. on February 24,  
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Shaw Environmental, Inc. (a CB&I company)  
TBPE Firm Registration No. F-5650

and

H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1

Revised July 25, 2014; ~~and~~ April 20, 2015 and September 2015 By:

CB&I Environmental and Infrastructure, Inc.

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**Figures**

- Figure 1 General Location Map
- Figure 2 Wind Rose Map
- Figure 3 Facility Layout Map
- Figure 4 Operations Area Layout Map
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- Figure 7 Aerial Photograph
- Figure 8 Land Use Map
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- Figure 10 USGS Seismic Hazard Map
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**Attachments**

- Attachment A T&E Species and Wetlands Assessment
- Attachment B TxDOT Coordination
- Attachment C Texas Historical Commission Review
- Attachment D Cultural Resources Review
- Attachment E Local Agency Coordination
- Attachment F Federal Aviation Administration Coordination
- Attachment G 100-Year Floodplain Coordination
- Attachment H TPDES Certification
- Attachment I Oil Well Affidavit

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## 2.0 WASTE ACCEPTANCE PLAN [330.61 (b)]

### 2.1 General

**2.1.1 Type of Facility and Wastes to be Accepted** – The facility will be a Type I municipal solid waste landfill, with several additional waste management units. As a Type I landfill, the facility will be designed for and will accept certain types of non-hazardous industrial wastes that are compatible with landfill disposal, and will also accept liquid municipal and industrial wastes. Waste management units for liquid wastes will include solidification (prior to landfill disposal) or underground injection by means of a Class 1 injection well (future units). Design considerations will be made to ensure that storm water and wastewater management are in compliance with TCEQ regulations. Authorization of the Class 1 injection well is not being requested at this time and the appropriate authorization will be obtained prior to construction of any Class 1 injection well. All contaminated liquids resulting from the operation of the facility will be disposed of in a manner that will not cause surface water or groundwater pollution. Grease trap and grit trap wastes will be accepted for solidification and possible processing for beneficial recovery in future waste management units upon TCEQ approval. Processing of recyclables, such as those collected by residential curbside collection programs, may be provided. This process will seek to recover all recyclable commodities that have a market or reuse value, coupled with landfill disposal of non-recyclable residuals.

**2.1.2 General Prohibitions-** The following wastes will not be accepted for landfill disposal at this facility:

- (1) Lead acid storage batteries.
- (2) Do-it-yourself used motor vehicle oil
- (3) Used oil filters from internal combustion engines.
- (4) Whole used or scrap tires, unless processed prior to disposal in a manner acceptable to the executive director.
- (5) Refrigerators, freezers, air conditioners, and any other items containing chlorinated fluorocarbon (CFC).
- (6) Liquid waste, except as allowed in 30 TAC §330.177 (relating to Leachate and Gas Condensate Recirculation), and/or except household liquid waste as allowed by 30 TAC §330.15(e)(6) will not be accepted for disposal in any MSW landfill unit.
- (7) Regulated hazardous waste as defined in 30 TAC §330.3.
- (8) Polychlorinated biphenyls (PCB) wastes, as defined under 40 Code of Federal Regulations Part 761, unless authorized by the United States Environmental Protection Agency and the MSW permit.
- (9) Radioactive materials as defined in 30 TAC Chapter 336 (relating to Radioactive Substance Rules), except as authorized in Chapter 336 or that are subject to an exemption of the Department of State Health Services.