

**Part IV**

**SITE OPERATING PLAN**

**Pescadito Environmental Resource Center**

**MSW-2374**

**Webb County, Texas**

**PESCADITO**  
ENVIRONMENTAL RESOURCE CENTER

**Initial Submittal March 2015**

**Revised September 2015**

**Revised November 2015**

**Revised August 2016**

**Prepared for:**

**Rancho Viejo Waste Management, LLC**

**1116 Calle del Norte**

**Laredo, TX 78041**

**Prepared by:**

**CB&I Environmental and**

**Infrastructure, Inc.**



**12005 Ford Rd, Suite 600**

**Dallas, TX 75234**

This document is released for the purpose of permitting only under the authority of David R Friels, P.E. #51700. It is not to be used for bidding or construction. Texas Registered Engineering Firm F-5650

## Table of Contents

1.0	INTRODUCTION §330.121 .....	1
1.1	Waste Processing and Disposal Units.....	1
1.2	Facility Location and Access.....	2
1.3	Waste Delivery .....	2
1.4	TPDES Permitting .....	3
1.5	Pre-Operation Notice §330.123 .....	3
2.0	RECORDKEEPING AND REPORTING §330.125 .....	4
2.1	Required Notifications.....	6
2.2	Record Retention Period.....	7
2.3	Signatories .....	7
2.4	Other Records and Reporting .....	7
3.0	WASTE ACCEPTANCE RATE .....	8
3.1	Requirements .....	8
4.0	PERSONNEL §330.127.....	10
4.1	Operating Procedures §330.127.....	13
4.2	Training.....	14
5.0	EQUIPMENT §330.127(2).....	16
6.0	DETECTION AND PREVENTION OF DISPOSAL OF PROHIBITED WASTES §330.127(5).....	18
6.1	Training [330.127(5)(C)].....	19
6.2	Notification of Load Refusal [330.127(5)(D)].....	20
6.3	Remediation [330.127(5)(E)].....	20
7.0	SAFETY.....	22
7.1	Enforcement of Site Rules .....	22
8.0	FIRE PROTECTION §330.129 and 330.221 .....	23
8.1	Equipment and Planning.....	23
8.2	Training.....	24
8.3	Fire Prevention and Control.....	24
8.4	Fires in Municipal Solid Waste .....	25
8.5	Fires at Citizen Convenience Center .....	27
8.6	Notifications .....	27
9.0	ACCESS CONTROL §330.131 and 330.223 .....	28
10.0	UNLOADING OF WASTE §330.133 and §330.225 .....	29
10.1	Grading, Placement, and Compaction of Waste.....	29
10.2	Special Requirements for Industrial Waste.....	30
11.0	OPERATING HOURS, SIGNS, AND NOTICES §330.135, 330.137, 330.229 and 330.231	31

11.1	Hours of Operation .....	31
11.2	Entrance Sign.....	31
11.3	Directional Signs .....	31
11.4	Information Notices.....	31
12.0	CONTROL OF WINDBLOWN WASTE AND LITTER §330.139 and 330.233 .....	32
13.0	EASEMENTS AND BUFFER ZONES §330.141 & §330.543 .....	33
13.1	Easements .....	33
13.2	Buffer Zones .....	33
14.0	LANDFILL MARKERS AND BENCHMARK §330.143.....	34
15.0	MATERIALS ALONG THE ROUTE TO THE SITE §330.145 and 330.235 .....	36
16.0	DISPOSAL OF LARGE ITEMS §330.147 .....	37
17.0	AIR CRITERIA §330.149 .....	38
17.1	Dust Control.....	38
17.2	Landfill Gas Control.....	38
17.3	Odor Management .....	38
18.0	DISEASE VECTOR CONTROL §330.151 .....	40
19.0	SITE ACCESS ROADS §330.153 and 330.237.....	41
20.0	SALVAGING AND SCAVENGING §330.155.....	42
21.0	ENDANGERED SPECIES PROTECTION §330.157 .....	43
22.0	LANDFILL GAS CONTROL §330.159 .....	44
23.0	ABANDONED OIL, GAS, AND WATER WELLS §330.161.....	45
24.0	COMPACTION OF SOLID WASTE §330.163.....	47
25.0	LANDFILL COVER §330.165.....	48
25.1	Intermediate Cover .....	48
25.2	Alternate Daily Cover.....	49
25.3	Final Cover .....	49
25.4	Erosion of Cover.....	50
25.5	Cover Application Record .....	50
26.0	PONDED WATER PLAN §330.167.....	51
27.0	DISPOSAL OF SPECIAL WASTES §330.171 .....	52
27.1	Wastes Requiring Prior Approval.....	52
27.2	Waste Not Requiring Prior Approval .....	53
28.0	DISPOSAL OF INDUSTRIAL WASTES §330.173.....	56
29.0	VISUAL SCREENING OF DEPOSITED WASTE §330.175 .....	58
30.0	LEACHATE AND GAS CONDENSATE RECIRCULATION §330.177 .....	59
31.0	FACILITY INSTALLATION AND MAINTENANCE §330.179 .....	61

31.1 Facility Maintenance and Inspection §335.585 ..... 61

31.2 Personnel Training §335.586..... 62

31.3 Waste Analysis §335.587 ..... 62

31.4 Ignitable, Reactive, or Incompatible Wastes §335.588 ..... 63

31.5 Contingency Plan §335.589..... 64

List of Tables

Table IV-1 Recordkeeping Requirements .....4

Table IV-2 Projected Waste Acceptance Annual Rates .....8

Table IV-3 Personnel Types, Descriptions and Required Training.....12

Table IV-4 List of Equipment and Uses for Landfill Operations .....16

Table IV-5 Waste Acceptance vs. Equipment Numbers .....17

Table IV-6 Stockpile Volume for Fire Control.....26

Table IV-7 Access Control .....28

Table IV-8 Landfill Markers.....34

Table IV-9 Facility Maintenance and Inspection Schedule.....61

Attachment IV-A Contingency Plan  
 Attachment IV-B Liquid Waste Solidification

This document is released for the purpose of permitting only under the authority of David R Friels, P.E. #51700. It is not to be used for bidding or construction. Texas Registered Engineering Firm F-5650

shipments of Class 1 waste. The facility's copy of the manifest will be retained for a period of at least three years. The facility operator shall not accept or sign for shipments of Class 1 waste unless authorization to accept the waste is provided in permit provisions or has been granted by the TCEQ. The disposal facility copy of the manifest shall be retained by the operator for a period of at least 3 years or as directed by the TCEQ.

A written report of Class 1 wastes received must be submitted to the TCEQ no later than the 25<sup>th</sup> day of the month following receipt of Class 1 waste. The monthly report must be submitted on the form provided by the TCEQ and must include all required information. Monthly reports must be submitted every month following the initial receipt of Class 1 waste even for months no Class 1 waste was accepted.

Class 1 or 2 liquid wastes (including grease and grit trap wastes) will be accepted for processing from commercial sources (restaurants, fast food facilities, car wash and vehicle maintenance facilities), industrial sources (food processing plants, manufacturing plants) and institutional sources (hospitals, schools, prisons) as Special Waste addressed in Section 27 and processed in the Liquid Waste Stabilization Unit prior to disposal in an appropriate solid waste cell. ~~After solidification, the material will be disposed as Class 1 unless proved by analytical testing or process knowledge to be Class 2 or Class 3.~~