**Changed Pages** 

Part III, Appendix III-F.1

**Groundwater Monitoring Plan Figures** 

# Part III Attachment III-F Appendix III-F.1

#### **GROUNDWATER MONITORING PLAN FIGURES**

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

## PESCADITO ENVIRONMENTAL RESOURCE CENTER

Initial Submittal March 2015
Revised September 2015
Revised November 2015
Revised January 2016
Technically Complete March 11, 2016
Modified October 2016
Modified November 2016

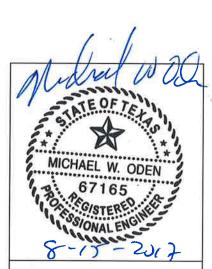
Modified August 2017

Prepared for: Rancho Viejo Waste Management, LLC 1116 Calle del Norte Laredo, TX 78041

Prepared by:
APTIM Environmental &
Infrastructure, Inc.
(f/k/a CB&I Environmental &
Infrastructure, Inc.)



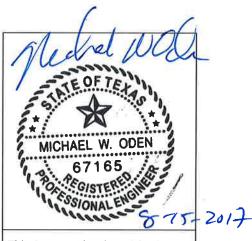
12005 Ford Rd, Suite 600 Dallas, TX 75234



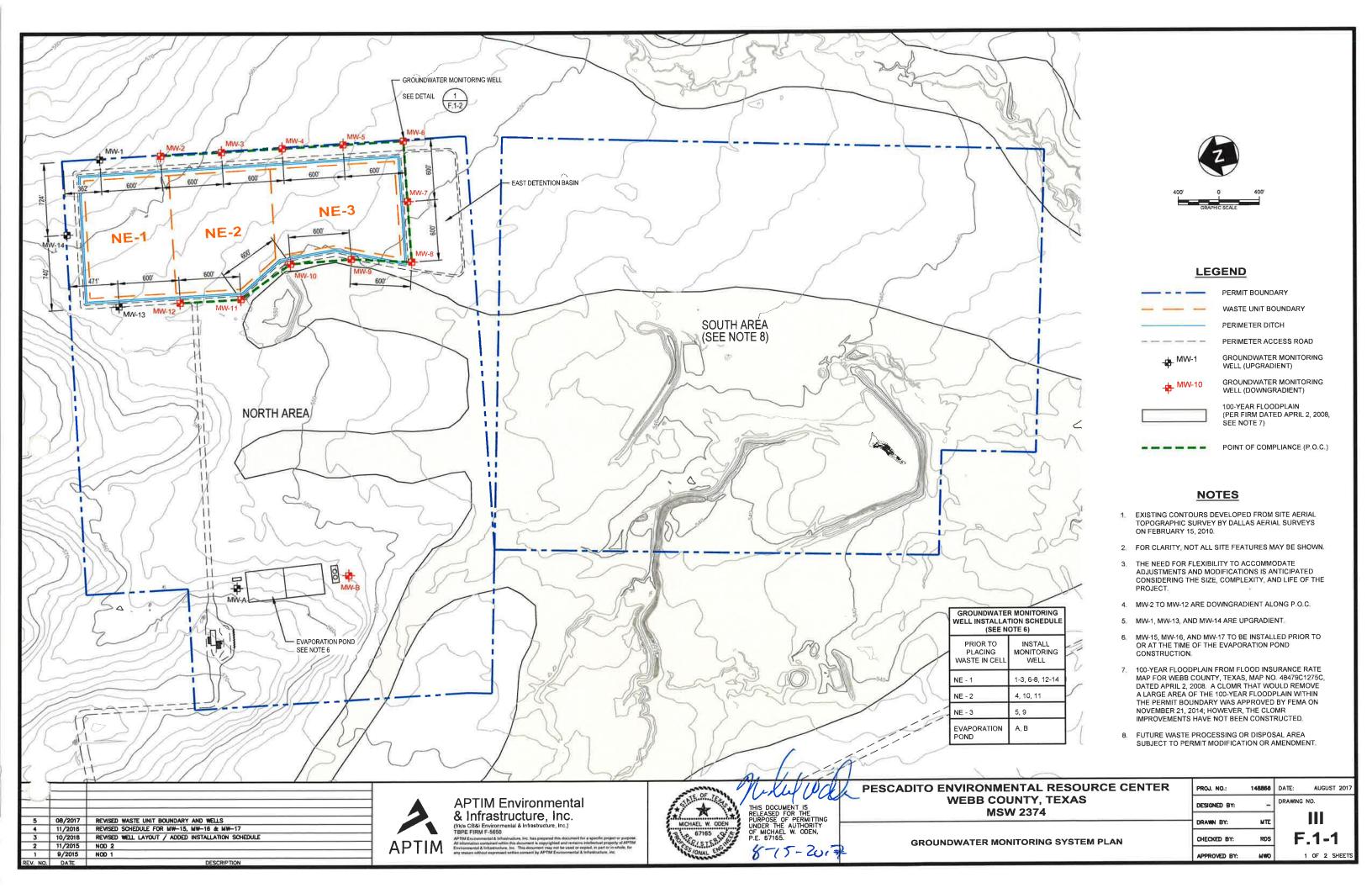
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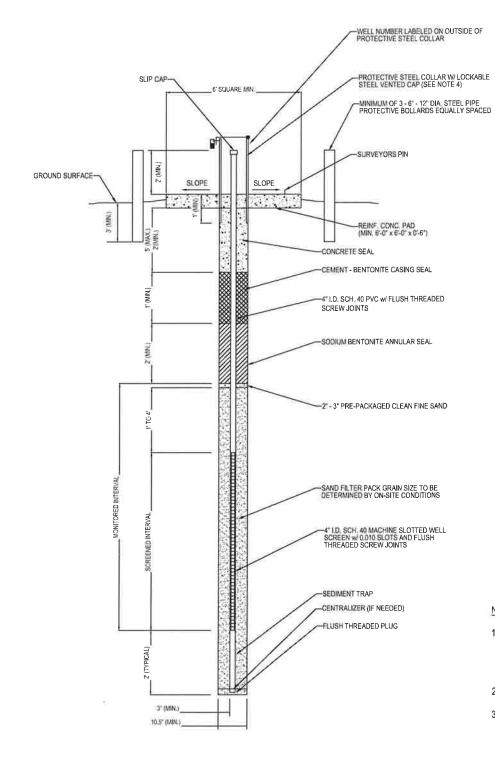
#### **Table of Contents**

| III-F.1-1 Groundwater Monitoring System Plan         |
|--|
| III-F.1-2 Typical Groundwater Monitoring Well Detail |



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#### CROUNDWATER MONITORING WELL SLIMMARY TARLE

| Well Name | Northing    | Easting   | Ground<br>Surface<br>Elevation (ft<br>MSL) | Nearest<br>Sump | Bottom Sump<br>Elevation (ft.<br>MSL) | Liner<br>Excavation<br>Elevation<br>(see note 3) |
|-----------|-------------|-----------|--|-----------------|---------------------------------------|--|
| MW-01     | 17098825 17 | 773873.65 | 565.46                                     | NE-1            | 454                                   | 451  |
| MW-02     | 17098233.12 | 773776.30 | 562.04                                     | NE-1            | 454                                   | 451  |
| MW-03     | 17097641.07 | 773678.94 | 558.80                                     | NE-2            | 451                                   | 448  |
| MW-04     | 17097049.02 | 773581.58 | 556.23                                     | NE-3            | 449                                   | 446  |
| MW-05     | 17096456.97 | 773484.23 | 554.48                                     | NE-3            | 449                                   | 446  |
| MW-06     | 17095864.93 | 773386.85 | 552.34                                     | NE-3            | 449                                   | 446  |
| MW-07     | 17095956.86 | 772793.93 | 550.58                                     | NE-3            | 449                                   | 446  |
| MW-08     | 17096048.80 | 772201.02 | 548.76                                     | NE-3            | 449                                   | 446  |
| MW-09     | 17096627.00 | 772361.29 | 549.76                                     | NE-3            | 449                                   | 446  |
| MW-10     | 17097220,75 | 772447.66 | 549.99                                     | NE-3            | 449                                   | 446  |
| MW-11     | 17097773.80 | 772215.00 | 552.17                                     | NE-2            | 451                                   | 448  |
| MW-12     | 17098365.70 | 772313.23 | 554.45                                     | NE-2            | 451                                   | 448  |
| MW-13     | 17098957.60 | 772411.47 | 556.00                                     | NE-1            | 454                                   | 451  |
| MW-14     | 17099300.80 | 773218.57 | 561.01                                     | NE-1            | 454                                   | 451  |
| MW-A      | 17098438.20 | 769433.51 | 558.50                                     | N/A             | N/A                                   | SEE NOTE   |
| MW-B      | 17097340.81 | 769312.15 | 553.72                                     | N/A             | N/A                                   | SEE NOTE:  |

#### NOTES:

- 1. MONITORING WELL INSTALLATION SHALL CONFORM TO METHODS AND MATERIALS DESCRIBED IN APPLICABLE REGULATIONS OF TCEQ.,
- 2. PTFE TAPE OR O-RINGS ON ALL JOINTS.
- 3. MONITORED INTERVAL TO BE FROM 9' BELOW GROUND SURFACE TO THE DEEPEST SUMP EXCAVATION ELEVATION NEAREST TO THE WELL, ASSUMING THREE FOOT LINER.
- 4. PROTECTIVE COLLAR AND CAP MAY BE STEEL OR ALUMINUM.
- MW-A (UPGRADIENT) AND MW-B (COMPLIANCE) MONITOR THE EVAPORATION POND AND WILL HAVE A MONITORED INTERVAL OF 20-FEET.

### (1) F.1-2

TYPICAL GROUNDWATER MONITORING WELL

4 08/2017 REVISED SUMMARY TABLE, ADDED NOTE 5 3 10/2016 REVISED MONITORING WELL SYSTEM
2 12/2015 NOD 2 SUPPLEMENT 1 11/2015 NOD 2 REV. NO. DATE DESCRIPTION



**APTIM Environmental** & Infrastructure, Inc.

(I/k/a CB&I Environmental & Infrastructure, Inc.)
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PESCADITO ENVIRONMENTAL RESOURCE CENTER **WEBB COUNTY, TEXAS** 

MSW 2374

|   | PROJ. NO.:     | 148866 | DATE:       | AUGUST 2 |  |
|---|----------------|--------|-------------|----------|--|
|   | DESIGNED BY: - |        | DRAWING NO. |          |  |
| _ | DRAWN BY:      | MTE    | 111         |          |  |
|   | CHECKED BY:    | RDS    | F           | .1-2     |  |

TYPICAL GROUNDWATER MONITORING WELL DETAIL