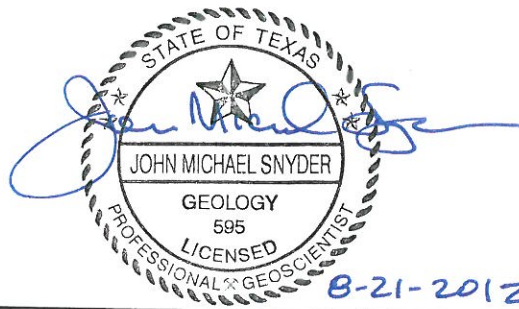




SKYLINE LANDFILL
APPENDIX E6
SITE HYDROGEOLOGIC DATA

| | |
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| Groundwater Velocity Calculations | E6-7 |
| Pre-Excavation Potentiometric Surface Map – June 1991 | E6-8 |
| Topographic Influences to Groundwater Flow | E6-9 |
| Conceptual Hydrogeologic Cross Section | E6-10 |
| Conceptual Hydrogeologic Flow Model | E6-11 |
| <u>Excavation Plan Showing Remaining Weathered Taylor Marl</u> | <u>E6-12</u> |



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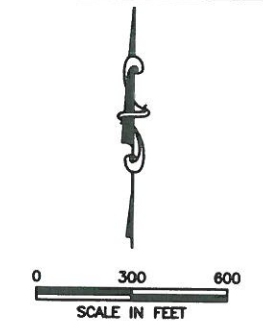
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APPENDIX E6 - SITE HYDROGEOLOGIC DATA

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| <u>Excavation Plan Showing Remaining Weathered Taylor Marl</u> | <u>E6-12</u> |

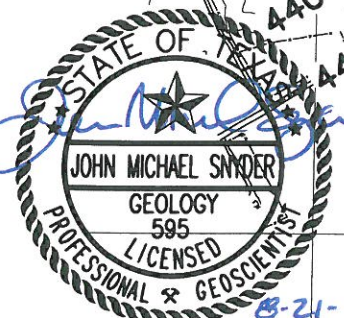
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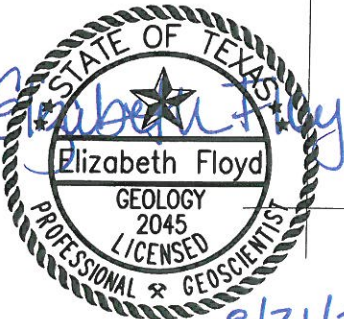
- LEGEND**
- PERMIT BOUNDARY
 - LANDFILL FOOTPRINT
 - 410 EXISTING 10' GROUND CONTOUR
 - PROPOSED POINT OF COMPLIANCE LINE
 - ⊕ MW-5 EXISTING MONITORING WELL
 - 400 5' GROUNDWATER CONTOUR
 - GROUNDWATER ABSENT
 - PRE-SUBTITLE D AREA WITH FINAL COVER

- NOTES:**
1. MONITORING WELL LOCATION MAP MODIFIED FROM ORIGINAL HDR DRAWING.
 2. EXISTING CONTOURS COMPILED BY AEROMETRIC FROM AERIAL PHOTOGRAPHY, FLOWN MARCH 6, 2011. COORDINATE SYSTEM IS BASED ON TEXAS STATE PLANE NAD 27, TEXAS NORTH CENTRAL ZONE, US FEET.

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| POTENTIOMETRIC SURFACE DECEMBER 2005 | |
| WASTE MANAGEMENT OF TEXAS, INC. SKYLINE LANDFILL MAJOR PERMIT AMENDMENT | |
|  | BIGGS & MATHEWS ENVIRONMENTAL CONSULTING ENGINEERS MANSFIELD • WICHITA FALLS 817-563-1144 |
| ISSUED FOR PERMITTING PURPOSES ONLY | TBPE FIRM NO. F-256 TBPG FIRM NO. 50222 |
| REVISIONS | FIGURE |
| 1 8/12 N.O.D. NO. 1 RESPONSE GLW ESF ESF JMS | DSN. ESF DATE : 04/12 |
| REV DATE DESCRIPTION DWN BY DES BY CHK BY APP BY | DWN. SRC SCALE : GRAPHIC |
| CHK. JMS DWG : E6-1_PSurf_12-05.dwg | E6-1 |



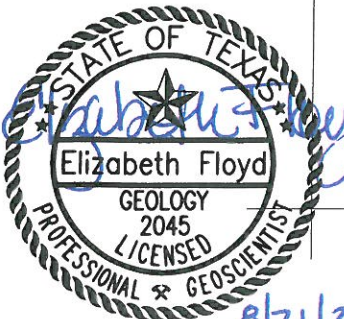
LEGEND

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**POTENTIOMETRIC SURFACE
DECEMBER 2008**

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| REVISIONS | | DSN. | ESF | DATE | FIGURE |
|-----------|------|--------------|----------|-------|--------|
| 1 | 8/12 | N.O.D. NO. 1 | RESPONSE | 04/12 | E6-2 |
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TSBE FIRM NO. F-256

CHK. JMS

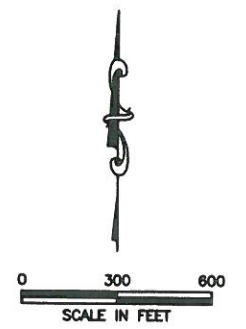
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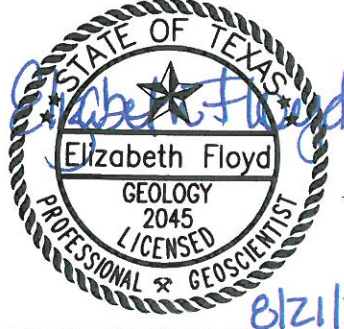
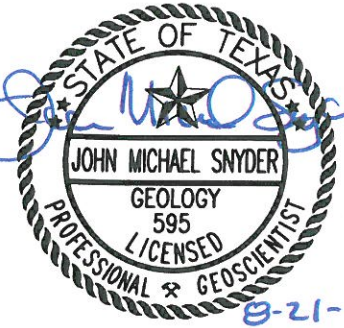
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JUNE 2009**

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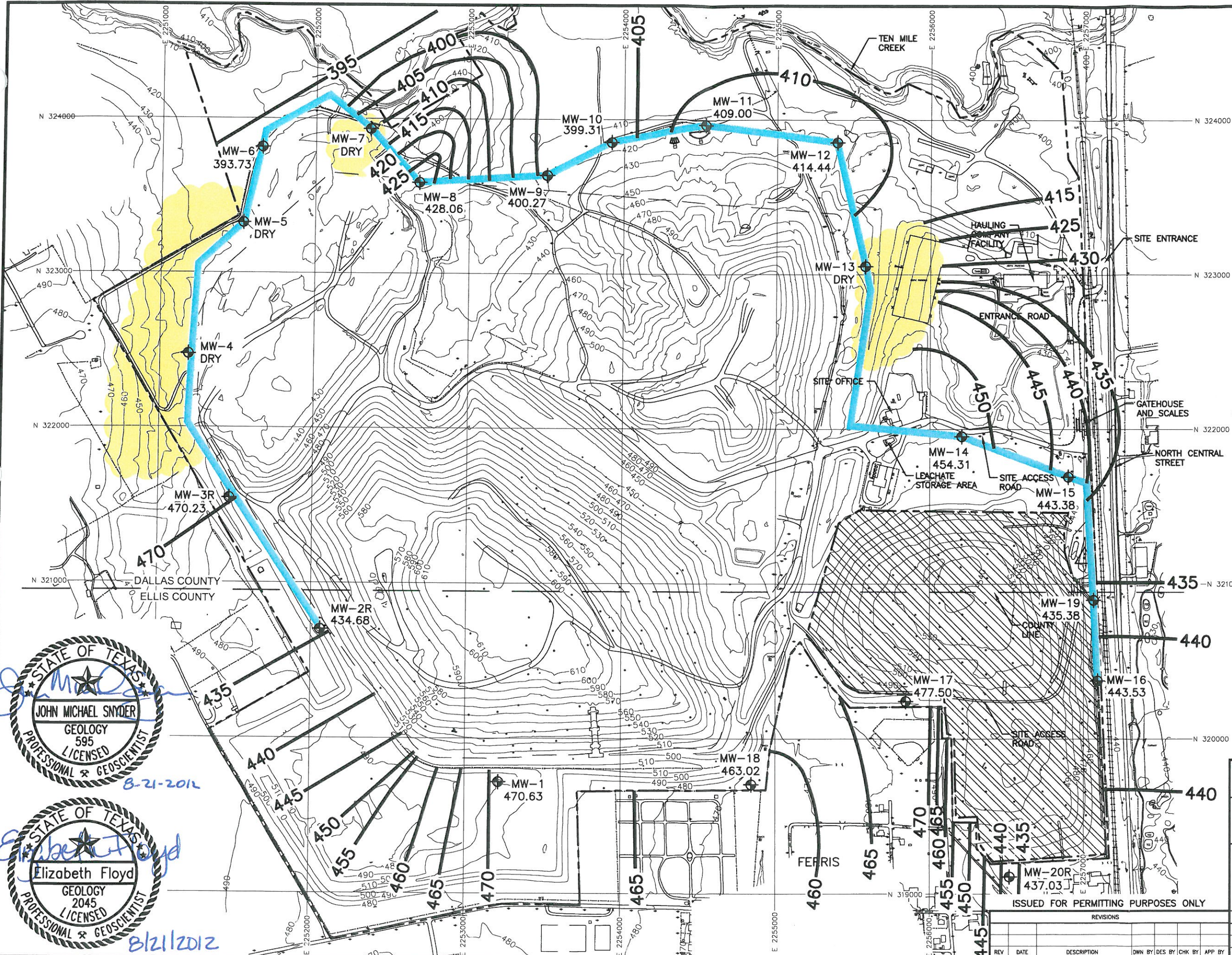
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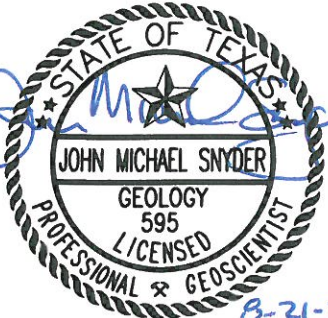


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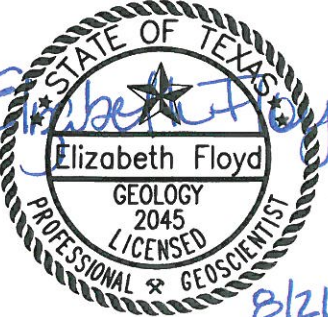
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| REVISIONS | | DATE : 04/12 | FIGURE |
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| DWN. SRC | DATE : 04/12 | SCALE : GRAPHIC | |
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