

LEGEND

- PROPOSED FINAL COVER
- PROPOSED INTERMEDIATE GRADES
- EXISTING TOPOGRAPHY
- EXISTING CONSTRUCTED WASTE GRADES AS OF THE 9/29/08 TOPOGRAPHIC AERIAL SURVEY
- TOP OF PROTECTIVE LAYER
- TOP OF CLAY LINER/GEOMEMBRANE
- TOP OF EXCAVATION
- FILL PROGRESSION LIMITS (SEE NOTE 6)
- EXISTING LINER
- 5' MIN. BUFFER
- GROUND WATER
- PASSIVE GAS VENT LOCATION
- SOIL BORING LOCATION
- OH - ORGANIC CLAYS OF MEDIUM TO HIGH PLACTICITY, ORGANIC SILTS
- CL - INORGANIC CLAYS OF LOW TO MEDIUM PLACTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
- CH - INORGANIC CLAYS OF HIGH PLACTICITY, FAT CLAYS
- FOR ADDITIONAL SOIL CLASSIFICATION SEE THE AUGUST 2008 MATLOCK BEND CLASS I LANDFILL EXPANSION HYDROGEOLOGIC REPORT BY CEC, INC.
- MODULE DESTINATION

- GENERAL NOTES**
- 1) TOP OF CLAY LINER & GEOMEMBRANE, SEE SHEET 6.
 - 2) TOP OF DRAINAGE LAYER, SEE SHEET 7.
 - 3) PROPOSED COMPOSITE BASE LINER SYSTEM TO BE TIED-IN TO EXISTING LINER SYSTEM, SEE SHEET 12A FOR DETAILS.
 - 4) BORING DATA WITH DESIGNATION B-XX SUPPLIED FROM THE AUGUST 2008 MATLOCK BEND CLASS I LANDFILL EXPANSION HYDROGEOLOGIC REPORT PREPARED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 - 5) BORING DEPICTION MAY BE A PROJECTED IMAGE UP TO 150' FROM THE ACTUAL X-SECTION LOCATION
 - 6) FILL PROGRESSION LINES WERE CREATED USING THE MODULE BOUNDARYS AS SHOWN ON SHEET 5 AND ARE CONSIDERED APPROXIMATE.
 - 7) GAS VENT PLACEMENT FOR ILLUSTRATIVE PURPOSES, SEE SHEET 10A
 - 8) 5' MIN BUFFER FROM SEASONAL HIGH WATER TABLE, SEE SHEET 4
 - 9) SOIL BORING DATA WAS INTERPRETED UTILIZING INFORMATION FROM THE AUGUST 2008 MATLOCK BEND CLASS I LANDFILL EXPANSION HYDROGEOLOGIC REPORT BY CEC, INC. AND IS CONSIDERED APPROXIMATE. SEE THE REPORT FOR ACTUAL DATA.

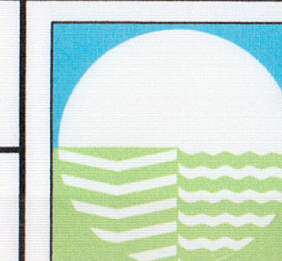
CROSS SECTION C-C SLOPE STABILITY MODEL

SCALE
NTS

REV.	DATE	DRWN	CHKD	REVISION
3	02/14	JKH	RV	REVISED PER TDEC COMMENTS DATED 1/3/12.
2	05/13	JW	RV	REVISED PER TDEC COMMENTS DATED 1/3/12.
1	01/21/0	MW	RV	REVISED PER TDEC COMMENTS DATED 9/10/10.

CROSS SECTION C-C

MATLOCK BEND LANDFILL EXPANSION
LOUDON COUNTY, TENNESSEE



**SANTEK
ENVIRONMENTAL**
630 25TH STREET NW
SUITE 100
CLEVELAND, TENNESSEE

SCALE: AS NOTED
DATE: 8/1/09
DRAWN BY: JW
CHECKED BY: RV
APPROVED BY: RB
FILE:0913-11-000
JOB NO: 200-0913.2

11C
sheet number